

=> s ubi
q
ui? and reporter
29 FILES SEARCHED...
L1 6847 UBIQUI? AND REPORTER

=> s l1 and destabiliz?
38 FILES SEARCHED...
L2 1 L1 AND DESTABILIZ?

=> d

L2 ANSWER 1 OF 1 USPATFULL
AN 2001:112505 USPATFULL
TI Compound for detecting and modulating RNA activity and gene expression
IN Cook, Phillip Dan, Carlsbad, CA, United States
Ecker, David J., Carlsbad, CA, United States
Guinasso, Charles John, Vista, CA, United States
Acevedo, Oscar Leobardo, San Diego, CA, United States
Kawasaki, Andrew, Oceanside, CA, United States
Ramasamy, Kandasamy, Laguna Hills, CA, United States
PA Isis Pharmaceuticals, Inc., Carlsbad, CA, United States (U.S. corporation)
PI US 6262241 B1 20010717
AI US 1995-383666 19950203 (8)
RLI Continuation of Ser. No. US 1992-854634, filed on 1 Jul 1992, now abandoned Continuation-in-part of Ser. No. US 463358, now abandoned
Continuation-in-part of Ser. No. US 1990-566977, filed on 13 Aug 1990, now abandoned
DT Utility
FS GRANTED
LN.CNT 5473
INCL INCLM: 536/022.100
INCLS: 435/005.000; 435/006.000; 436/501.000; 514/044.000;
536/025.300
NCL NCLM: 536/022.100
NCLS: 435/005.000; 435/006.000; 436/501.000; 514/044.000;
536/025.300
IC [7]
ICM: C12Q001-68
ICS: C07H021-02; C07H021-04
EXF 435/5; 435/6; 435/172.3; 435/810; 436/501; 514/44; 536/22.1;
536/23.1;
536/25.3; 935/77; 935/78
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> F1 STNGUIDE
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION 69.23 69.53
FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 24, 2001 (20010824/UP).

=> his
HIS IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (>).

=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001
L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABILIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001

=> s l1 and regulat?
0 UBIQUI?
2 REPORTER

31 REGULAT?
L3 0 L1 AND REGULAT?

=> ret
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):q
'Q' MUST END IN '/Q', '/A', '/L', '/S', OR '/B'
The name of a saved query (or structure or screen set) ends in '/Q'.
The name of a saved answer set ends in '/A'. The name of a saved list ends in '/L'. The name of an SDI request ends in '/S'. The name of a BATCH search request ends in '/B'. You must enter the /Q, /A, /L, /S, or /B at the end of the name.
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):end

=> fil caplus, medline, embase
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION 0.00 69.53
FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:45:13 ON 30 AUG 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE 'MEDLINE' ENTERED AT 15:45:13 ON 30 AUG 2001

FILE 'EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
COPYRIGHT (C) 2001 Elsevier Science B.V. All rights reserved.

=> s ubiqui? and report? and regulat?
L4 3594 UBIQUI? AND REPORT? AND REGULAT?

=> s l4 and ?stabiliz?
L5 170 L4 AND ?STABILIZ?

=> dup
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ENTER L# LIST OR (END):15
PROCESSING COMPLETED FOR L5
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)

=> d

L6 ANSWER 1 OF 72 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2001057242 A2 20010809 WO 2001-US103791
20010202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

=> d 1 abs

L6 ANSWER 1 OF 72 CAPLUS COPYRIGHT 2001 ACS
AB This invention is directed towards methods of destabilizing proteins in living cells, and their use for the development of novel assays. In one embodiment, the invention comprises the use of non-cleavable multimerized ubiquitin fusion proteins to destabilize a target protein, such as a reporter moiety. In one aspect of this method the constructs also comprises a linker that operatively couples the reporter moiety to the multimerized ubiquitin fusion protein. In this embodiment, enzymic modification of the linker results in a modulation of the coupling of the

reporter protein to the multimerized ubiquitin domains resulting in a change in the stability of the reporter moiety. The level of the reporter moiety in the cell can then be used as a measure of the enzymatic activity in the cell. In another embodiment the invention provides for a generalized way of coordinately regulating the cellular concn. of a plurality of target proteins. In one aspect of this method, the target proteins are operatively coupled to a ubiquitin fusion protein via linker contg. a protease cleavage site. Cleavage of the linker by a protease results in uncoupling of the target protein from the multimerized ubiquitin construct, and results in an increase in the stability and concn. of the target protein. From one to four copies of 76-valine-ubiquitin were fused to β -lactamase and tested.

=> d 2-5

L6 ANSWER 2 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
AN 2001:411571 CAPLUS
TI Requirement for HDM2 activity in the rapid degradation of p53 in neuroblastoma
AU Isaacs, Jennifer S.; Saito, Shin'ichi; Neckers, Leonard M.
CS Tumor Cell Biology Section, Medicine Branch, NCI, National Institutes of Health, Rockville, MD, 20850, USA
SO J. Biol. Chem. (2001), 276(21), 18497-18506
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 61
RE
(1) Alarcon, R; Cancer Res 1999, V59, P6046 CAPLUS
(2) An, W; Nature 1998, V392, P405 CAPLUS
(3) Ashcroft, M; Mol Cell Biol 1999, V19, P1751 CAPLUS
(6) Barak, Y; EMBO J 1993, V12, P461 CAPLUS
(8) Blattner, C; Oncogene 1999, V18, P1723 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
AN 2001:329793 CAPLUS
DN 135:90284
TI Stabilization and activation of p53 by the coactivator protein TAFII31
AU Buschmann, Thomas; Lin, Yahong; Aithmitti, Nadia; Fuchs, Serge Y.; Lu, Hua; Resnick-Silverman, Lois; Manfredi, James J.; Ronai, Ze'ev; Wu, Xiangwei
CS Derald H. Rutterberg Cancer Center, Mount Sinai School of Medicine, New York, NY, 10029, USA
SO J. Biol. Chem. (2001), 276(17), 13852-13857
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 39
RE
(1) Amrolia, P; Proc Natl Acad Sci 1997, V94, P10051 CAPLUS
(2) An, W; Nature 1998, V392, P405 CAPLUS
(3) Ashcroft, M; Oncogene 1999, V18, P7637 CAPLUS
(4) Berk, A; Curr Opin Cell Biol 1999, V11, P330 CAPLUS
(5) Chen, J; Cell 1994, V79, P93 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
AN 2001:335286 CAPLUS
DN 135:89664
TI Glucose-induced monoubiquitination of the *Saccharomyces cerevisiae* galactose transporter is sufficient to signal its internalization
AU Horak, Jaroslav; Wolf, Dieter H.
CS Institute of Physiology, Department of Membrane Transport, Academy of Sciences of the Czech Republic, Prague, 142 20, Czech Rep.
SO J. Bacteriol. (2001), 183(10), 3083-3088
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 57
RE
(1) Amerik, A; Mol Biol Cell 2000, V11, P3365 CAPLUS
(2) Amazon, T; Mol Cell Biol 1994, V14, P7876 CAPLUS
(4) Beck, T; J Cell Biol 1999, V146, P1227 CAPLUS
(5) Bonifacino, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS
(6) Chiang, H; J Biol Chem 1996, V271, P9934 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
AN 2001:340123 CAPLUS
TI Expression profiles of TRCP1 and TRCP2, and mutation analysis of TRCP2 in gastric cancer
AU Saitoh, Tetsuroh; Katoh, Masaru
CS Genetics and Cell Biology Section, Genetics Division, National Cancer Center Research Institute, Tokyo, 104-0045, Japan
SO Int. J. Oncol. (2001), 18(5), 959-964
CODEN: IJONES; ISSN: 1019-6439
PB International Journal of Oncology
DT Journal
LA English
RE.CNT 17
RE
(1) Fuchs, S; Oncogene 1999, V18, P2039 CAPLUS
(2) Hart, M; Curr Biol 1999, V9, P207 CAPLUS
(3) He, T; Science 1998, V281, P1509 CAPLUS
(4) Jiang, J; Nature 1998, V391, P493 CAPLUS
(5) Kinzler, K; Science 1991, V253, P661 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 10

L6 ANSWER 6 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
AN 2001:147780 CAPLUS
DN 134:308358
TI Human cyclin C protein is stabilized by its associated kinase cdk8, independently of its catalytic activity
AU Baretti, Caroline; Jarrel-Encontre, Isabelle; Piechaczyk, Marc; Piette, Jacques
CS Institut de Génétique Moléculaire de Montpellier, CNRS UMR 5535, Montpellier, 34293, Fr.
SO Oncogene (2001), 20(5), 551-562
CODEN: ONCNES; ISSN: 0950-9232
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 54
RE
(1) Arellano, M; Int J Biochem Cell Biol 1997, V29, P559 CAPLUS
(2) Balciunas, D; Nucleic Acids Res 1995, V23, P4421 CAPLUS
(3) Boyer, T; Nature 1999, V399, P276 CAPLUS
(4) Carlson, M; Genetics 1984, V107, P19 CAPLUS
(5) Cho, H; Mol Cell Biol 1998, V18, P5355 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
AN 2001:497897 CAPLUS
TI PKC δ -Dependent Deubiquitination and Stabilization of Gadd45 in A431 Cells Overexposed to EGF
AU Leung, Chung-Hang; Lam, Wing; Zhuang, Wei-Jian; Wong, Nai-Sum; Fong, Wang, F.
CS Bioactive Products Research Group, Department of Biology and Chemistry, City University of Hong Kong, Kowloon, Peop. Rep. China
SO Biochem. Biophys. Res. Commun. (2001), 285(2), 283-288
CODEN: BBRCA9; ISSN: 0006-291X
PB Academic Press
DT Journal
LA English
RE.CNT 33
RE
(1) Azam, N; J Biol Chem 2001, V276, P2766 CAPLUS
(2) Davis, R; J Biol Chem 1985, V260, P5315 CAPLUS
(3) Eledge, S; Biochim Biophys Acta 1998, V1377, PM61 CAPLUS
(4) Fong, W; Biochim Biophys Acta 1976, V428, P456 CAPLUS
(5) Fong, W; Biochim Biophys Acta 2001, V1517, P250 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
AN 2001:127854 CAPLUS
DN 134:351084
TI Downregulation of MDM2 stabilizes p53 by inhibiting p53 ubiquitination in response to specific alkylating agents
AU Inoue, T; Geyer, R. K.; Yu, Z. K.; Maki, C. G.
CS Department of Cancer Cell Biology, Harvard School of Public Health, Boston, MA, 02115, USA
SO FEBS Lett. (2001), 490(3), 196-201
CODEN: FEBLAS; ISSN: 0014-5793
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 37
RE

- (1) Ashcroft, M; Mol Cell Biol 1999, V19, P1751 CAPLUS
 (2) Blattner, C; Oncogene 1999, V18, P1723 CAPLUS
 (3) Chehab, N; Proc Natl Acad Sci USA 1999, V96, P13777 CAPLUS
 (5) el-Deyri, W; Cell 1993, V75, P817 CAPLUS
 (6) Fritsche, M; Oncogene 1993, V8, P307 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 72 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
 B.V.
 AN 2000320437 EMBASE
 TI Reactive oxygen species generated at mitochondrial Complex III stabilize hypoxia-inducible factor-1.alpha. during hypoxia: A mechanism of O₂ sensing.
 AU Chandal N.S.; McClintock D.S.; Feliciano C.E.; Wood T.M.; Melendez J.A.; Rodriguez A.M.; Schumacker P.T.
 CS P.T. Schumacker, Department of Medicine MC6026, University of Chicago,
 5841 South Maryland Ave., Chicago, IL 60637, United States.
 pschumac@medicinebsd.uchicago.edu
 SO Journal of Biological Chemistry, (18 Aug 2000) 275/33 (25130-25138).
 Refs: 49
 ISSN: 0021-9258 CODEN: JBCHA3
 CY United States
 DT Journal; Article
 FS 029 Clinical Biochemistry
 LA English
 SL English

L6 ANSWER 10 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 8
 AN 2000:642508 CAPLUS
 DN 133:346336
 TI Yeast glycogen synthase kinase 3 is involved in protein degradation in cooperation with Bul1, Bul2, and Rsp5
 AU Andoh, Tomoko; Hirata, Yuzoh; Kikuchi, Akira
 CS Department of Biochemistry, Hiroshima University School of Medicine,
 Hiroshima, 734-8551, Japan
 SO Mol. Cell. Biol. (2000), 20(18), 6712-6720
 CODEN: MCEBD4; ISSN: 0270-7306
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 53
 RE
 (1) Aberle, H; EMBO J 1997, V16, P3797 CAPLUS
 (2) Beaudenon, S; Mol Cell Biol 1999, V19, P6972 CAPLUS
 (3) Botstein, D; Gene 1979, V8, P17 CAPLUS
 (4) Bowdish, K; Mol Cell Biol 1994, V14, P7909 CAPLUS
 (5) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 11-15

L6 ANSWER 11 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 9
 AN 2000:609884 CAPLUS
 DN 133:264555
 TI Cell cycle-dependent expression of mammalian E2-C regulated by the anaphase-promoting complex/cyclosome
 AU Yamanaka, Atsushi; Hatakeyama, Shigetsugu; Kominami, Kin-Ichiro; Kitagawa, Masatoshi; Matsumoto, Masaki; Nakayama, Kei-Ichi
 CS Department of Molecular and Cellular Biology, Medical Institute of Bioregulation, Kyushu University, Fukuoka, Fukuoka, 812-8582, Japan
 SO Mol. Biol. Cell (2000), 11(8), 2821-2831
 CODEN: MBCEEV; ISSN: 1059-1524
 PB American Society for Cell Biology
 DT Journal
 LA English
 RE.CNT 50
 RE
 (1) Amon, A; Cell 1994, V77, P1037 CAPLUS
 (2) Aristarkhov, A; Proc Natl Acad Sci USA 1996, V93, P4294 CAPLUS
 (3) Arvand, A; Oncogene 1998, V17, P2039 CAPLUS
 (4) Bai, C; Cell 1996, V86, P263 CAPLUS
 (5) Banerjee, A; J Biol Chem 1993, V268, P5668 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 10
 AN 2000:896382 CAPLUS
 DN 134:234378
 TI Post-transcriptional control of the Arabidopsis auxin efflux carrier EIR1 requires AXR1
 AU Sieberer, T.; Seifert, G. J.; Hauser, M.-T.; Grisafi, P.; Fink, G. R.; Luschnig, C.
 CS Centre for Applied Genetics, University of Agricultural Sciences, Vienna,
 A-1190, Austria

SO Curr. Biol. (2000), 10(24), 1595-1598
 CODEN: CUBLE2; ISSN: 0960-9822
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 RE.CNT 15
 RE
 (1) Chen, R; Proc Natl Acad Sci USA 1998, V95, P15112 CAPLUS
 (2) del Pozo, J; Proc Natl Acad Sci USA 1999, V96, P15342 CAPLUS
 (3) Delbare, A; Plant Physiol 1998, V116, P833 CAPLUS
 (4) Gray, W; Genes Dev 1999, V13, P1678 CAPLUS
 (5) Kaufman, P; Plant Hormones 1995, P547 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 11
 AN 2000:374094 CAPLUS
 DN 133:132267
 TI Degradation of the transcription factor Gcn4 requires the kinase Pho85 and the SCFCDC4 ubiquitin-ligase complex
 AU Meimoun, Ariella; Holtzman, Tsvi; Weissman, Ziva; McBride, Helen J.; Stillman, David J.; Fink, Gerald R.; Kornitzer, Daniel
 CS Department of Microbiology, Technion-B. Rappaport Faculty of Medicine, Haifa, 31096, Israel
 SO Mol. Biol. Cell (2000), 11(3), 915-927
 CODEN: MBCEEV; ISSN: 1059-1524
 PB American Society for Cell Biology
 DT Journal
 LA English
 RE.CNT 68
 RE
 (1) Alani, E; Genetics 1987, V116, P541 CAPLUS
 (2) Andrews, B; Trends Genet 1998, V14, P56 CAPLUS
 (3) Arndt, K; Science 1987, V237, P874 CAPLUS
 (5) Bai, C; Cell 1996, V86, P263 CAPLUS
 (6) Barral, Y; Genes Dev 1995, V9, P399 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 12
 AN 2000:62027 CAPLUS
 DN 132:204906
 TI HuR regulates p21 mRNA stabilization by UV light
 AU Wang, Wengong; Fumeaux, Henry; Cheng, Huiming; Caldwell, M. Craig;
 Hutter, Dorothy; Liu, Yusen; Holbrook, Nikki; Gorospe, Myriam
 CS Laboratory of Biological Chemistry, National Institute on Aging, National Institutes of Health, Baltimore, MD, 21224, USA
 SO Mol. Cell. Biol. (2000), 20(3), 760-769
 CODEN: MCEBD4; ISSN: 0270-7306
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 67
 RE
 (1) Antic, D; Genes Dev 1999, V13, P449 CAPLUS
 (2) Atasoy, U; J Cell Sci 1998, V111, P3145 CAPLUS
 (3) Badminton, M; Cell Calcium 1998, V23, P79 CAPLUS
 (4) Barami, K; J Neurobiol 1995, V28, P82 CAPLUS
 (5) Bellido, T; J Biol Chem 1998, V273, P21137 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 13
 AN 2000:446332 CAPLUS
 DN 133:189127
 TI Polycyclic aromatic hydrocarbon carcinogens increase ubiquitination of p21 protein after the stabilization of p53 and the expression of p21
 AU Nakanishi, Yoichi; Pei, Xin-Hai; Takayama, Koichi; Bai, Feng; Izumi, Miiru; Kimotsuki, Kanehito; Inoue, Koji; Minami, Takahiro; Wataya, Hiroshi; Hara, Nobuyuki
 CS Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, 812-8582, Japan
 SO Am. J. Respir. Cell Mol. Biol. (2000), 22(6), 747-754
 CODEN: AJRBEI; ISSN: 1044-1549
 PB American Thoracic Society
 DT Journal
 LA English
 RE.CNT 38
 RE
 (1) Bai, F; Mol Carcinog 1998, V22, P258 CAPLUS
 (2) Cayrol, C; Oncogene 1998, V17, P2437 CAPLUS
 (3) Denissenko, M; Science 1996, V274, P430 CAPLUS
 (4) Di Leonardo, A; Genes Dev 1994, V8, P2540 CAPLUS
 (5) Dipple, A; DNA Adducts: Identification and Biological Significance 1994, P107 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s ubiqui? and (fuse? or fusion) and protein
L8 3233 UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN

=> s ubiqui? and fusion protein
L8 2030 UBIQUI? AND FUSION PROTEIN

=> s l8 and reporter
L9 190 L8 AND REPORTER

=> dup
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ENTER L# LIST OR (END):9
PROCESSING COMPLETED FOR L9
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)

=> d 1-5

L10 ANSWER 1 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Slack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,		CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,	HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,	VN, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
CH, CY,	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,	PRAI US 2000-498098 A2 20000204

L10 ANSWER 2 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2001:545833 CAPLUS
TI Molecular switches II system comprising ligand-regulated DNA binding molecule and targeted DNA binding site and its use in screening for desired binding elements and gene regulation
IN Choo, Yen; Ullman, Christopher Graeme; Moore, Michael
PA Gendaq Limited, UK
SO PCT Int. Appl., 193 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001053479	A2	20010726	WO 2001-GB100187	20010118
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,	CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,	HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,	SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,	VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
CH, CY,	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,	WO 2000073434 A1 20001207 WO 2000-GB2071 20000530	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,
CR, HU,	CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,	ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,	

SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,	ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG WO 200100815 A1 20010104 WO 2000-GB2080 20000530 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
	CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
	ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,
	SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,
	ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG GB 2000-1578 A 20000124 GB 2000-1582 A 20000124 WO 2000-GB2071 W 20000530 WO 2000-GB2080 W 20000530 GB 2000-29901 A 20001207 GB 1999-12635 A 19990528
PRAI GB 2000-1578 A 20000124	
PI WO 2000104099 A2 20010607	WO 2000-FR3342 20001130
W: CA, JP, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,	PT, SE, TR FR 2801902 A1 20010608 FR 1999-15138 19991201
PRAI FR 1999-15138 A 19991201	
L10 ANSWER 3 OF 146 CAPLUS COPYRIGHT 2001 ACS	
AN 2001:417180 CAPLUS	
DN 135:29128	
TI An reporter gene system for screening of compounds capable of modulating the activity of ubiquitin-ligase SCFMet30 complexes and their uses	
IN Thomas, Dominique; Barbey, Regine; Rouillon, Astrid; Kerjan, Yolande	
PA Centre National De La Recherche Scientifique-CNRS, Fr.	
SO PCT Int. Appl., 49 pp.	
CODEN: PIXXD2	
DT Patent	
LA French	
FAN,CNT 1	
PATENT NO. KIND DATE APPLICATION NO. DATE	
PI WO 2001040499 A2 20010607	WO 2000-FR3342 20001130
W: CA, JP, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,	PT, SE, TR FR 2801902 A1 20010608 FR 1999-15138 19991201
PRAI FR 1999-15138 A 19991201	
L10 ANSWER 4 OF 146 CAPLUS COPYRIGHT 2001 ACS	
AN 2001:168144 CAPLUS	
DN 134:221434	
TI Isolated nona- and decapeptides which bind to HLA molecules, and the therapeutic use thereof	
IN Valmori, Daniela; Levy, Frederic; Miconnet, Isabelle; Cerrottini, Jean-Charles; Romero, Pedro	
PA Ludwig Institute for Cancer Research, USA	
SO PCT Int. Appl., 61 pp.	
CODEN: PIXXD2	
DT Patent	
LA English	
FAN,CNT 1	
PATENT NO. KIND DATE APPLICATION NO. DATE	
PI WO 2001016320 A1 20010308	WO 2000-US23536 20000825
W: AG, AU, BZ, CA, CN, DZ, JP, KR, MZ RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,	PT, SE PRAI US 1999-386581 A 19990830
PRAI US 1999-386581 A 19990830	
RE,CNT 6	
RE	
(1) Hoon, D; WO 9937771 A 1999 CAPLUS	
(2) Ludwig Inst Cancer Res; WO 9815638 A 1998 CAPLUS	
(3) Ludwig Inst Cancer Res; WO 9858951 A 1998 CAPLUS	
(4) Us Health; WO 9610419 A 1996 CAPLUS	
(5) Valmori, D; JOURNAL OF EXPERIMENTAL MEDICINE 1999, V189(6), P895 CAPLUS	
ALL CITATIONS AVAILABLE IN THE RE FORMAT	
L10 ANSWER 5 OF 146 CAPLUS COPYRIGHT 2001 ACS	
AN 2001:293689 CAPLUS	
DN 134:321630	
TI A peptide of auxin-induced gene products that targets them for rapid degradation and its use in controlling the degradation of fusion proteins	
IN Callis, Judy; Worley, Cathy K.	
PA The Regents of the University of California, USA	

SO U.S., 26 pp.
CODEN: USXXAM

DT Patent

LA English

FAN,CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 6222095 B1 20010424 US 1998-64922 19980422

RE.CNT 39

RE

- (1) Abel, S; BioEssays 1996, V18, P647 CAPLUS
- (2) Abel, S; Plant Physiol 1996, V111, P9 CAPLUS
- (3) Abel, S; Proc Natl Acad Sci USA 1994, V91, P326 CAPLUS
- (4) Brown, K; Molecular and Cellular Biology 1997, V17, P3021 CAPLUS
- (5) Chen, P; Cell 1993, V74, P357 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SET SMA OFF

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=> FIL CAPLUS

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ENTRY SESSION
FULL ESTIMATED COST 56.68 126.21

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FILE LAST UPDATED: 29 Aug 2001 (20010829/ED)

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=> S L11

L12 1 L11

=> D L12 BIB,ABS

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 1996:578463 CAPLUS

DN 125:266597

TI DNA elements responsive to auxin
AU Abel, Steffen; Ballas, Nurit; Wong, Lu-Min; Theologis, Athanasios
CS Plant Gene Expression Center, Albany, CA, 94710, USA
SO BioEssays (1996), 18(8), 647-654
CODEN: BIOEEJ; ISSN: 0265-9247
DT Journal; General Review
LA English
AB A review with 62 refs. Genes induced by the plant hormone auxin are probably involved in the execution of vital cellular functions and developmental processes. Exptl. approaches designed to elucidate the mol. mechanisms of auxin action have focused on auxin perception, genetic dissection of the signaling app., and specific gene activation. Auxin-responsive promoter elements of early genes provide mol. tools for probing auxin signaling in reverse. Functional anal. of several auxin-specific promoters of unrelated early genes suggests combinatorial utilization of both conserved and variable elements. These elements are arranged into autonomous domains and the combination of such modules generates uniquely composed promoters. Modular promoters allow for auxin-mediated transcriptional responses to be revealed in a tissue-and development-specific manner.

=> DEL L11 Y

=> FIL caplus, medline, embase

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ENTRY SESSION
FULL ESTIMATED COST 4.05 130.26

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FILE TOTAL ENTRY SESSION
CA SUBSCRIBER PRICE -0.59 -1.18

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=> d his

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FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR,
AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS,
CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE,
DRUGB, DRUGLAUNCH,
DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED
AT 15:36:40 ON 30 AUG 2001
L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABLIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
L4 3594 S UBIQUI? AND REPORT? AND REGULAT?

- L5 170 S L4 AND ?STABILIZ?
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
L8 2030 S UBIQUI? AND FUSION PROTEIN
L9 190 S L8 AND REPORTER
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
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SET SMA ON
SET SMA LOGIN
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L12 1 S L***
- FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001
- => d l10 10-20
- L10 ANSWER 10 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
AN 2001:248608 CAPLUS
TI Inducible gene targeting in postnatal myocardium by cardiac-specific expression of a hormone-activated cre fusion protein
AU Minamino, Tetsuo; Gausin, Vinciane; Demayo, Francesco J.; Schneider, Michael D.
CS Center for Cardiovascular Development, USA
SO Circ. Res. (2001), 88(6), 587-592
CODEN: CIRUAL; ISSN: 0009-7330
PB Lippincott Williams & Wilkins
DT Journal
LA English
RE.CNT 31
RE
(1) Agah, R; J Clin Invest 1997, V100, P169 CAPLUS
(2) Aki, S; Circ Res 1999, V85, P319 CAPLUS
(3) Araki, K; Proc Natl Acad Sci U S A 1995, V92, P160 CAPLUS
(4) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
(5) Brand, T; J Biol Chem 1993, V268, P11500 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L10 ANSWER 11 OF 146 MEDLINE
AN 2001219244 MEDLINE
DN 21206014 PubMed ID: 11309410
TI Identities of sequestered proteins in aggregates from cells with induced polyglutamine expression.
AU Suhr S T; Senut M C; Whitelegge J P; Faull K F; Cuizon D B; Gage F H
CS Laboratory of Genetics, The Salk Institute for Biological Studies, La Jolla, California 92037, USA.
NC CA 16042-20 (NCI)
MH/NDS 31862 (NIMH)
SO JOURNAL OF CELL BIOLOGY, (2001 Apr 16) 153 (2) 283-94.
Journal code: HMV; 0375356. ISSN: 0021-9525.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010529
Last Updated on STN: 20010529
Entered Medline: 20010524
- L10 ANSWER 12 OF 146 MEDLINE
AN 2001182228 MEDLINE
DN 21099606 PubMed ID: 11161721
TI Aggrecan domains expected to traffic through the exocytic pathway are misdirected to the nucleus.
AU Chen T L; Wang P Y; Luo W; Gwon S S; Flay N W; Zheng J; Guo C; Tanzer M L;
Vertel B M
CS Department of Cell Biology & Anatomy, FUDHS/The Chicago Medical School,
North Chicago, Illinois, 60064, USA.
NC AR45909 (NIAMS)
DK28433 (NIDDK)
SO EXPERIMENTAL CELL RESEARCH, (2001 Feb 15) 263 (2) 224-35.
Journal code: EPB; 0373226. ISSN: 0014-4827.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010329
- L10 ANSWER 13 OF 146 MEDLINE
AN 2001179377 MEDLINE
DN 21124827 PubMed ID: 11207362
- TI Loss of the ClC-7 chloride channel leads to osteopetrosis in mice and man.
AU Kornak U; Kasper D; Bosl M R; Kaiser E; Schweizer M; Schulz A; Friedrich W; Delling G; Jentsch T J
CS Zentrum für Molekulare Neurobiologie Hamburg, ZMNH, Universitat Hamburg, D-20246, Hamburg, Germany.
SO CELL, (2001 Jan 26) 104 (2) 205-15.
Journal code: CQ4; 0413066. ISSN: 0092-8674.
- CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010329
- L10 ANSWER 14 OF 146 MEDLINE
AN 2001235756 MEDLINE
DN 21142402 PubMed ID: 11245987
TI The human ubiquitous 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase gene (PFKFB3): promoter characterization and genomic structure.
AU Navarro-Sabate A; Manzano A; Riera L; Rosa J L; Ventura F; Bartrons R
CS Unitat de Bioquímica. Departament de Ciències Fisiològiques II, Campus de Bellvitge, Universitat de C/ Feixa Llarga s/n E-08907 L'Hospitalet, Barcelona, Spain.
SO GENE, (2001 Feb 7) 264 (1) 131-8.
Journal code: FOP; 7706761. ISSN: 0378-1119.
- CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010517
Last Updated on STN: 20010517
Entered Medline: 20010503
- L10 ANSWER 15 OF 146 MEDLINE
AN 2001180195 MEDLINE
DN 21113117 PubMed ID: 11175744
TI Identification of XAF1 as an antagonist of XIAP anti-Caspase activity.
AU Liston P; Fong W G; Kelly N L; Toji S; Miyazaki T; Conte D; Tamai K; Craig C G; McBurney M W; Korneluk R G
CS Cancer Research Group, Ottawa Regional Cancer Center, 501 Smyth Road, Ottawa, K1H 8L6, Canada.
SO NATURE CELL BIOLOGY, (2001 Feb 3) 3 (2) 128-33.
Journal code: DIC; 100890575. ISSN: 1465-7392.
- CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-X99699
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010329
- L10 ANSWER 16 OF 146 MEDLINE
AN 2001336323 MEDLINE
DN 21297184 PubMed ID: 11404007
TI Adaptable doxycycline-regulated gene expression systems for Drosophila.
AU Stebbins M J; Yin J C
CS Cold Spring Harbor Laboratory, 1 Bungtown Road, Cold Spring Harbor, NY 11724, USA.
NC R01 NS35575 (NINDS)
SO GENE, (2001 May 30) 270 (1-2) 103-11.
Journal code: FOP; 7706761. ISSN: 0378-1119.
- CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200108
ED Entered STN: 20010806
Last Updated on STN: 20010806
Entered Medline: 20010802
- L10 ANSWER 17 OF 146 MEDLINE
AN 2001187863 MEDLINE
DN 21174047 PubMed ID: 11275683
TI Determination of protein-protein interactions of ClCn by the yeast two-hybrid system.
AU Schmidhauser A; Fresser F; Gschwendner M; Furst J; Ritter M; Lang F; Baier G;

Paulmichl M
CS Department of Physiology, Institute for Medical Biology and Human Genetics, University of Innsbruck, Austria.
SO CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, (2001) 11 (1) 55-60.

Journal code: C2F; 9113221. ISSN: 1015-8987.

CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AF196468

EM 200108

ED Entered STN: 20010813

Last Updated on STN: 20010813

Entered Medline: 20010809

L10 ANSWER 18 OF 146 MEDLINE

AN 2001133443 MEDLINE

DN 21066384 PubMed ID: 11145566

TI Yin yang 1 protein negatively regulates high-density lipoprotein receptor gene transcription by disrupting binding of sterol regulatory element binding protein to the sterol regulatory element.

AU Shea-Eaton W; Lopez D; McLean M P

CS Departments of Obstetrics and Gynecology and Biochemistry and Molecular Biology, University of South Florida, College of Medicine, Tampa, Florida, 33606, USA.

NC R29-HD-31644 (NICHD)

RO1-HD-35163 (NICHD)

SO ENDOCRINOLOGY, (2001 Jan) 142 (1) 49-58.
Journal code: EGZ; 0375040. ISSN: 0013-7227.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals

EM 200103

ED Entered STN: 20010404

Last Updated on STN: 20010404

Entered Medline: 20010301

L10 ANSWER 19 OF 146 MEDLINE

AN 2001265235 MEDLINE

DN 21113207 PubMed ID: 11160943

TI A novel tetracycline-dependent transactivator with E2F4 transcriptional activation domain.

AU Akagi K; Kenai M; Saya H; Kozu T; Berns A

CS Saitama Cancer Center Research Institute, 818 Komuro Ina Kitadachigun, Saitama 362-0806, Japan.. akagi@cancer-c.pref.saitama.jp

SO NUCLEIC ACIDS RESEARCH, (2001 Feb 15) 29 (4) E23.

Journal code: O8L; 0411011. ISSN: 1362-4962.

CY England; United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200106

ED Entered STN: 20010611

Last Updated on STN: 20010611

Entered Medline: 20010607

L10 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPPLICATE 3

AN 2000:910839 CAPLUS

DN 134:174344

TI Ubiquitin-mediated proteolysis of a short-lived regulatory protein depends on its cellular localization

AU Lenk, Uwe; Sommer, Thomas

CS Max-Delbrück-Centrum für Molekulare Medizin, Berlin, 13092, Germany

SO J. Biol. Chem. (2000), 275(50), 39403-39410

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 33

RE

(2) Biederer, T; EMBO J 1996, V15, P2069 CAPLUS

(3) Biederer, T; Science 1997, V278, P1806 CAPLUS

(4) Bonifacino, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS

(5) Chen, P; Cell 1993, V74, P357 CAPLUS

(6) Cormack, B; Microbiology 1997, V143, P303 CAPLUS

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SET COMMAND COMPLETED

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L13 SEL L10 5 4: 1 TERM

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=> FIL CAPLUS

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CA SUBSCRIBER PRICE	0.00	-1.18

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=> \$ L13

L14 1 L13

=> D L14 BIB,ABS

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

AN 1997:335673 CAPLUS

DN 127:48301

TI The signal response of I.kappa.B.alpha. is regulated by transferable N-

and C-terminal domains

AU Brown, Keith; Franzoso, Guido; Baldi, Lucia; Carlson, Louise; Mills, Laura; Lin, Yi-Chuang; Gerstberger, Susan; Siebenlist, Ulrich

CS Lab. Immunoregulation, National Inst. Allergy and Infectious Diseases,

National Institutes Health, Bethesda, MD, 20892-1876, USA
 SO Mol. Cell. Biol. (1997), 17(6), 3021-3027
 CODEN: MCEBD4; ISSN: 0270-7306
 PB American Society for Microbiology
 DT Journal
 LA English
 AB I.kappa.B.alpha. retains the transcription factor NF-.kappa.B in the cytoplasm, thus inhibiting its function. Various stimuli inactivate I.kappa.B.alpha. by triggering phosphorylation of the N-terminal residues Ser32 and Ser36. Phosphorylation of both serines is demonstrated directly by phosphopeptide mapping utilizing calpain protease, which cuts approx. 60 residues from the N terminus, and by anal. of mutants lacking one or both serine residues. Phosphorylation is followed by rapid proteolysis, and the liberated NF-.kappa.B translocates to the nucleus, where it activates transcription of its target genes. Transfer of the N-terminal domain of I.kappa.B.alpha. to the ankyrin domain of the related oncoprotein Bcl-3 or to the unrelated protein glutathione S-transferase confers signal-induced phosphorylation on the resulting chimeric proteins. If the C-terminal domain of I.kappa.B.alpha. is transferred as well, the resulting chimeras exhibit both signal-induced phosphorylation and rapid proteolysis. Thus, the signal response of I.kappa.B.alpha. is controlled by transferable N-terminal and C-terminal domains.

=> DEL L13 Y

=> FIL caplus, medline, embase

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FULL ESTIMATED COST	4.05	149.48

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) FILE TOTAL	SINCE ENTRY SESSION
CA SUBSCRIBER PRICE	-0.59 -1.77

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.59	151.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) FILE TOTAL	SINCE ENTRY SESSION
CA SUBSCRIBER PRICE	0.00 -1.77

FILE 'STNGUIDE' ENTERED AT 16:02:18 ON 30 AUG 2001
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
 COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Aug 24, 2001 (20010824/UP).

=> s protein degrad?
 7 PROTEIN
 2 DEGRAD?
 L15 0 PROTEIN DEGRAD? (PROTEIN(W)DEGRAD?)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	151.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) FILE TOTAL	SINCE ENTRY SESSION
CA SUBSCRIBER PRICE	0.00 -1.77

FILE 'CAPLUS' ENTERED AT 16:07:13 ON 30 AUG 2001

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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'MEDLINE' ENTERED AT 16:07:13 ON 30 AUG 2001

FILE 'EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001
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=> s protein degrad?
 L16 38481 PROTEIN DEGRAD?

=> s protein degrad/ti
 L17 0 PROTEIN DEGRAD/TI

=> s protein degrad?/ti
 L18 0 PROTEIN DEGRAD?/TI

=> s protein degrad?.ti
 L19 0 PROTEIN DEGRAD?.TI

=> s l16 and report?
 L20 4073 L16 AND REPORT?

=> dup
 ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
 ENTER # LIST OR (END):l20
 PROCESSING IS APPROXIMATELY 52% COMPLETE FOR L20
 PROCESSING IS APPROXIMATELY 84% COMPLETE FOR L20
 PROCESSING COMPLETED FOR L20
 L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)

=>

=> s l21 py<2000
 MISSING OPERATOR L21 PY<2000
 The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> py<2000
 PY<2000 IS NOT A RECOGNIZED COMMAND
 The previous command name entered was not recognized by the system.
 For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (>).

=> d l21 py<2000
 'PY<2000' IS NOT A VALID FORMAT
 In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
 REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
 REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
 REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):

L21 ANSWER 1 OF 3558 CAPLUS COPYRIGHT 2001 ACS
 TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CACERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001

L1 6847 S UBIQUI? AND REPORTER
 L2 1 S L1 AND DESTABILIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
 L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
 L4 3594 S UBIQUI? AND REPORT? AND REGULAT?
 L5 170 S L4 AND ?STABILIZ?
 L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
 L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
 L8 2030 S UBIQUI? AND FUSION PROTEIN
 L9 190 S L8 AND REPORTER
 L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
 SET SMA OFF
 SET SMA ON
 SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:00:34 ON 30 AUG 2001
L14 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:00:40 ON 30 AUG 2001
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'STNGUIDE' ENTERED AT 16:02:18 ON 30 AUG 2001
L15 0 S PROTEIN DEGRAD?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001
L16 38481 S PROTEIN DEGRAD?
L17 0 S PROTEIN DEGRAD?TI
L18 0 S PROTEIN DEGRAD?TI
L19 0 S PROTEIN DEGRAD?TI
L20 4073 S L16 AND REPORT?
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)

=> s l21 and py<2000
2 FILES SEARCHED...
L22 2713 L21 AND PY<2000

=> d 1-5 ti

L22 ANSWER 1 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Functional significance of sperm surface mannosidase in mammalian fertilization

L22 ANSWER 2 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Effect of cathepsins B, L, L-like and calpain on the protein degradation of surimi

L22 ANSWER 3 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Involvement of GTP in the primary proteolysis of the D1 protein during photoinhibition of photosystem II

L22 ANSWER 4 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Interferon-gamma. increase the permeability of ovalbumin across the Caco-2 cells

L22 ANSWER 5 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Dibutyryl cyclic AMP-induced enhancement of RB protein degradation in human hepatoma cells

=> d his
(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001
L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABLIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
L4 3594 S UBIQUI? AND REPORT? AND REGULAT?
L5 170 S L4 AND ?STABILIZ?
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
L8 2030 S UBIQUI? AND FUSION PROTEIN
L9 190 S L8 AND REPORTER
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001
SET SMA OFF

SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:00:34 ON 30 AUG 2001
L14 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:00:40 ON 30 AUG 2001
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'STNGUIDE' ENTERED AT 16:02:18 ON 30 AUG 2001
L15 0 S PROTEIN DEGRAD?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001
L16 38481 S PROTEIN DEGRAD?
L17 0 S PROTEIN DEGRAD?TI
L18 0 S PROTEIN DEGRAD?TI
L19 0 S PROTEIN DEGRAD?TI
L20 4073 S L16 AND REPORT?
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)
L22 2713 S L21 AND PY<2000

=> s l22 and ?cleav?
L23 763 L22 AND ?CLEAV?

=> d 1-10

L23 ANSWER 1 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:279729 CAPLUS
DN 133:263993
TI Involvement of GTP in the primary proteolysis of the D1 protein during photoinhibition of photosystem II
AU Spetea, Cornelia; Hundal, Torill; Lohmann, Felix; Andersson, Bertil
CS Department of Biochemistry, Arrhenius Laboratories for Natural Sciences,
Stockholm University, Stockholm, S-106 91, Swed.
SO Photosynth.: Mech. Eff., Proc. Int. Congr. Photosynth., 11th (1998
), Volume 3, 2019-2022. Editor(s): Garab, Gyozo. Publisher: Kluwer Academic Publishers, Dordrecht, Neth.
CODEN: 68VVAS
DT Conference
LA English
RE.CNT 12
RE
(1) Adam, Z; Plant Mol Biol 1996, V32, P773 CAPLUS
(2) Andersson, B; Biochim Biophys Acta 1976, V423, P122 CAPLUS
(3) Andersson, B; Physiol Plant 1997, V100, P780 CAPLUS
(4) Aro, E; Biochim Biophys Acta 1990, V1019, P269 CAPLUS
(5) Ghanotakis, D; Biochim Biophys Acta 1984, V765, P388 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 2 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:152141 CAPLUS
DN 133:72110
TI Dibutyryl cyclic AMP-induced enhancement of RB protein degradation in human hepatoma cells
AU Okamoto, Yasuyuki
CS Department of Central Clinical Laboratory, Nara Medical University, Nara,
634-8522, Japan
SO Anticancer Res. (1999), 19(6B), 5181-5185
CODEN: ANTRD4; ISSN: 0250-7005
PB International Institute of Anticancer Research
DT Journal
LA English
RE.CNT 15
RE
(1) Cho-Chung, Y; Science 1981, V214, P77 CAPLUS
(2) Diederich, L; Cell Biol Toxicol 1998, V14, P133 CAPLUS
(3) Galli, G; Exp Cell Res 1993, V204, P54 CAPLUS
(4) Giuffre, L; Cancer 1988, V61, P1132 CAPLUS
(5) Janicke, R; EMBO J 1996, V15, P6969 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 3 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:41434 CAPLUS
DN 132:163759
TI Phosphorylation protects sperm-specific histones H1 and H2B from proteolysis after fertilization
AU Morin, Violeta; Acuna, Pamela; Diaz, Freddy; Iñostroza, Diana;
Martinez, Jose; Montecino, Martin; Puchi, Marcia; Imschenetzky, Maria
CS Department of Molecular Biology, Universidad de Concepcion, Casilla,
160-C, Chile
SO J. Cell. Biochem. (1999), Volume Date 2000, 76(2), 173-180
CODEN: JCBED5; ISSN: 0730-2312
PB Wiley-Liss, Inc.
DT Journal
LA English
RE.CNT 33
RE
(1) Abe, K; Exp Cell Res 1991, V192, P122 CAPLUS

(5) Chamberlain, J; Anal Biochem 1979, V98, P132 CAPLUS
 (6) Colles, P; J Biol Chem 1997, V272, P21274 CAPLUS
 (6) Crissman, H; Proc Natl Acad Sci 1991, V88, P7580 CAPLUS
 (9) Dufresne, L; J Cell Sci 1991, V99, P721 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 4 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:11802 CAPLUS
 DN 132:135460
 TI The metalloproteinase matrilysin proteolytically generates active soluble
 Fas ligand and potentiates epithelial cell apoptosis
 AU Powell, William C.; Fingleton, Barbara; Wilson, Carole L.; Boothby, Mark;
 Matsrian, Lynn M.
 CS Department of Cell Biology, Vanderbilt University School of Medicine,
 Nashville, TN, 37232-1500, USA
 SO Curr. Biol. (1999), 9(24), 1441-1447
 CODEN: CUBLE2; ISSN: 0960-9822
 PB Current Biology Publications
 DT Journal
 LA English
 RE.CNT 40
 RE
 (1) Alexander, C; J Cell Biol 1996, V135, P1669 CAPLUS
 (2) Arribas, J; J Biol Chem 1996, V271, P11376 CAPLUS
 (3) Baker, A; J Clin Invest 1998, V101, P1478 CAPLUS
 (4) Baragi, V; J Biol Chem 1994, V269, P12692 CAPLUS
 (5) Barnett, J; Prot Exp Purif 1994, V5, P27 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 5 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:2091 CAPLUS
 DN 132:120353
 TI Efficient glycosylation site utilization by intracellular apolipoprotein
 B: implications for proteasomal degradation
 AU Huang, Xue F.; Shethness, Gregory S.
 CS Department of Pathology, Wake Forest University School of
 Medicine,
 Winston-Salem, NC, 27157-1040, USA
 SO J. Lipid Res. (1999), 40(12), 2212-2222
 CODEN: JLIPRAW; ISSN: 0022-2275
 PB Lipid Research, Inc.
 DT Journal
 LA English
 RE.CNT 44
 RE
 (1) Andersson, S; J Biol Chem 1989, V264, P8222 CAPLUS
 (2) Bonifacino, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS
 (3) Bonnardel, J; J Biol Chem 1995, V270, P28892 CAPLUS
 (4) Cavallo, D; J Biol Chem 1998, V273, P33397 CAPLUS
 (5) Chuck, S; Cell 1992, V68, P9 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 6 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:765085 CAPLUS
 DN 132:77555
 TI Human dendritic cells shed a functional, soluble form of the mannose
 receptor
 AU Jordens, Reina; Thompson, Allan; Amons, Reinout; Koning, Frits
 CS Department of Immunohaematology and Blood Bank, Leiden
 University Medical
 Center, Leiden, 2300 RC, Neth.
 SO Int Immunol. (1999), 11(11), 1775-1780
 CODEN: INIMEN; ISSN: 0953-8178
 PB Oxford University Press
 DT Journal
 LA English
 RE.CNT 34
 RE
 (1) Bijsterbosch, M; Eur J Biochem 1996, V237, P344 CAPLUS
 (3) Ehlers, M; Biochemistry 1991, V30, P10065 CAPLUS
 (4) Engering, A; Eur J Immunol 1997, V27, P2417 CAPLUS
 (5) Ezekowitz, R; J Exp Med 1990, V172, P1785 CAPLUS
 (7) Fernandez-Patron, C; Anal Biochem 1995, V224, P203 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 7 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:750645 CAPLUS
 DN 132:149452
 TI Proteolytic degradation of the retinoblastoma family protein p107: a
 putative cooperative role of calpain and proteasome
 AU Jang, Joung Soon; Choi, Yung Hyun
 CS Department of Internal Medicine, Gyeongsang National University
 College of
 Medicine and Gyeongsang Institute of Cancer Research, Jinju, 660-
 701, S.
 Korea
 SO Int. J. Mol. Med. (1999), 4(5), 487-492
 CODEN: IJMMFG; ISSN: 1107-3756
 PB International Journal of Molecular Medicine
 DT Journal
 LA English

RE.CNT 30
 RE
 (1) Alberts, A; Proc Natl Acad Sci USA 1980, V77, P3957 CAPLUS
 (2) Beijersbergen, R; Biochim Biophys Acta 1996, V1287, P103 CAPLUS
 (3) Boyer, S; Cancer Res 1996, V56, P4620 CAPLUS
 (4) Choi, Y; J Biol Chem 1997, V272, P28479 CAPLUS
 (5) Ciechanover, A; Cell 1994, V79, P13 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 8 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:707166 CAPLUS
 DN 132:2293
 TI Inactivation of proprotein convertase, PACE4, by .alpha.1-antitrypsin
 Portland (.alpha.-PDX), a blocker of proteolytic activation of bone
 morphogenetic protein during embryogenesis: evidence that PACE4 is
 able to
 form an SDS-stable acyl intermediate with .alpha.1-PDX
 AU Tsui, Akihiko; Hashimoto, Eri; Ikoma, Takayuki; Taniguchi,
 Takumi;
 Mori, Kenji; Nagahama, Masami; Matsuda, Yoshiko
 CS Department of Biological Science and Technology, Faculty of
 Engineering,
 The University of Tokushima, Tokushima, 770-8506, Japan
 SO J. Biochem. (Tokyo) (1999), 126(3), 591-603
 CODEN: JOBIAO; ISSN: 0021-924X
 PB Japanese Biochemical Society
 DT Journal
 LA English
 RE.CNT 51
 RE
 (3) Beaubien, G; Cell Tissue Res 1995, V279, P539 CAPLUS
 (5) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
 (6) Brekha, N; FEBS Lett 1995, V362, P143 CAPLUS
 (7) Bruzzaniti, A; Biochem J 1996, V314, P727 CAPLUS
 (8) Constam, D; J Cell Biol 1996, V134, P181 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 9 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:697151 CAPLUS
 DN 132:31226
 TI Cleavage of the death domain kinase RIP by Caspase-8 prompts
 TNF-induced apoptosis
 AU Lin, Yong; Devin, Anne; Rodriguez, Yolanda; Liu, Zheng-Gang
 CS Department of Cell and Cancer Biology, Medicine Branch, Division of
 Clinical Sciences, National Cancer Institute, National Institutes of
 Health, Bethesda, MD, 20892, USA
 SO Genes Dev. (1999), 13(19), 2514-2526
 CODEN: GEDEEP; ISSN: 0890-9369
 PB Cold Spring Harbor Laboratory Press
 DT Journal
 LA English
 RE.CNT 61
 RE
 (1) Ashkenazi, A; Science 1998, V281, P1305 CAPLUS
 (2) Baeruerle, P; Cell 1996, V87, P13 CAPLUS
 (3) Baeruerle, P; Cell 1998, V95, P729 CAPLUS
 (5) Beg, A; Science 1996, V274, P782 CAPLUS
 (6) Boldin, M; Cell 1996, V85, P803 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 10 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:675847 CAPLUS
 DN 132:20878
 TI Palmitoylation of the intracytoplasmic R peptide of the transmembrane
 envelope protein in Moloney murine leukemia virus
 AU Olsen, Katharina E. P.; Andersen, Klaus B.
 CS Department of Pharmacology, The Royal Danish School of
 Pharmacy,
 Copenhagen , DK-2100, Den.
 SO J. Virol. (1999), 73(11), 8975-8981
 CODEN: JOVIAM; ISSN: 0022-538X
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 49
 RE
 (1) Ames, G; Biochemistry 1976, V15, P616 CAPLUS
 (3) Battini, J; J Virol 1992, V66, P1468 CAPLUS
 (4) Berger, M; FEBS Lett 1985, V187, P289 CAPLUS
 (5) Bonatti, S; J Biol Chem 1989, V264, P12590 CAPLUS
 (6) Cadwallader, K; Mol Cell Biol 1994, V14, P4722 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s (ubiqu? and ?stabil? and report?)?/ti
 LEFT TRUNCATION IGNORED FOR ?STABIL? FOR FILE 'CAPLUS'
 LEFT TRUNCATION IGNORED FOR ?STABIL? FOR FILE 'MEDLINE'
 LEFT TRUNCATION IGNORED FOR ?STABIL? FOR FILE 'EMBASE'
 L24 0 (UBIQU? AND ?STABIL? AND REPORT?)?/ti
 Left truncation is not valid in the specified search field in the
 specified file. The term has been searched without left truncation.
 Examples: ?TERPEN? would be searched as 'TERPEN' and
 ?FLAVONOID'

would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> s (ubiqu? and stabl? and report?)/ti
L25 0 (UBIQU? AND STABL? AND REPORT?)/TI

=> s ubiq?/ti
L26 14788 UBIQ?/TI

=> s (stack, J? or Stack J)/au
L27 419 (STACK, J? OR STACK J)/AU

=> d 1-10

L27 ANSWER 1 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG PRAI US 2000-498098 A2 20000204				

L27 ANSWER 2 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:347350 CAPLUS
TI Printed wiring board wireability enhancement
IN Arndt, Steven Frederick; Budman, Mark; Stack, James Richard
PA International Business Machines Corporation, USA
SO U.S., 10 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6232564	B1	20010515	US 1998-169693	19981009
RE.CNT 9 RE (1) Buckley; US 5477082 1995 (2) Carey; US 5438166 1995 (3) Howard; US 5708569 1998 (4) Kanno; US 4791238 1988 (5) Kutch, G; IBM Technical Disclosure Bulletin 1971, V13(12), P3653 ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L27 ANSWER 3 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:327257 CAPLUS
DN 134:317103
TI Monopoles, vortices and confinement in SU(3) lattice gauge theory
AU Wensley, Roy; Stack, John
CS Department of Physics and Astronomy, Saint Mary's College, Moraga, CA, 94575, USA
SO Nucl. Phys. B, Proc. Suppl. (2001), 94(Lattice 2000), 537-540
CODEN: NPBSE7; ISSN: 0920-5632
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 12
RE
(3) Banks, T; Nucl Phys 1977, VB129, P493 CAPLUS
(4) Bomyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(8) Matsubara, Y; Nucl Phys B (Proc Suppl) 1995, V42, P529 CAPLUS
(10) Stack, J; Nucl Phys 1992, VB371, P597 CAPLUS

(12) Yee, K; Mod Phys Lett A 1994, P1991 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 4 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:327255 CAPLUS
TI The Gribov ambiguity for maximal Abelian and center gauges in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.
CS Department of Physics, University of Illinois at Urbana-Champaign, Urbana, IL 61801, USA
SO Nucl. Phys. B, Proc. Suppl. (2001), 94(Lattice 2000), 529-531
CODEN: NPBSE7; ISSN: 0920-5632
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 11
RE
(1) Bali, G; Phys Rev 1995, VD51, P5165
(2) Bali, G; Phys Rev 1996, VD54, P2863
(3) Bertle, R; hep-lat/0010058
(4) Bomyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(5) Bomyakov, V; hep-lat/0009035 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 5 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:887483 CAPLUS
DN 134:128067
TI A ubiquitin-based tagging system for controlled modulation of protein stability
AU Stack, Jeffrey H.; Whitney, Michael; Rodems, Steven M.; Pollok, Brian A.
CS Aurora Biosciences Corp., San Diego, CA, 92121, USA
SO Nat. Biotechnol. (2000), 18(12), 1298-1302
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Bachmair, A; Cell 1989, V56, P1019 CAPLUS
(2) Bachmair, A; Science 1986, V234, P179 CAPLUS
(3) Butt, T; J Biol Chem 1988, V263, P16364 CAPLUS
(5) Corish, P; Protein Eng 1999, V12, P1035 CAPLUS
(6) Dantuma, N; Nat Biotechnol 2000, V18, P538 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 6 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:850622 CAPLUS
DN 135:105
TI Development and application of a GFP-FRET intracellular caspase assay for drug screening
AU Jones, Jay; Heim, Roger; Hare, Eric; Stack, Jeffrey; Pollok, Brian A.
CS Aurora Biosciences Corporation, San Diego, CA, 92121, USA
SO J. Biomol. Screening (2000), 5(5), 307-317
CODEN: JBISF3; ISSN: 1087-0571
PB Mary Ann Liebert, Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Chandler, J; J Biol Chem 1998, V273, P10815 CAPLUS
(3) Dolle, R; J Med Chem 1994, V37, P563 CAPLUS
(5) Green, D; Cell 1998, V94, P695 CAPLUS
(6) Grynkiewicz, G; J Biol Chem 1985, V260, P3440 CAPLUS
(7) Heim, R; Methods Enzymol 1999, V302, P408 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 7 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:814004 CAPLUS
DN 134:121845
TI Cooling, monopoles, and vortices in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.; Hart, Alistair
CS Dep. Physics, Univ. Illinois, Urbana, IL, 61801, USA
SO Los Alamos Natl. Lab., Prepr. Arch., High Energy Phys.-Lattice (2000)
1-10, arXiv:hep-lat/0011057, 13 Nov 2000
CODEN: LNLHFF
URL: http://xxx.lanl.gov/pdf/hep-lat/0011057
PB Los Alamos National Laboratory
DT Journal; (preprint)
LA English
RE.CNT 10
RE
(1) Bali, G; Phys Rev D 1996, V54, P2863 CAPLUS
(3) Brower, R; Nucl Phys B (Proc Suppl) 1999, V73, P512 CAPLUS
(4) DeGrand, T; Phys Rev D 1980, V22, P2478 CAPLUS
(9) Kovacs, T; Phys Rev D 1998, V57, P4054 CAPLUS
(10) Stack, J; Phys Rev D 1994, V50, P3399 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 8 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:806790 CAPLUS
DN 134:62727
TI The Gribov ambiguity for maximal Abelian and center gauges in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.
CS Dep. Phys., Univ. Illinois, Urbana-Champaign, Urbana, IL, 68101, USA
SO Los Alamos Natl. Lab., Prepr. Arch., High Energy Phys.-Lattice (2000)
1-3, arXiv:hep-lat/0011034, 6 Nov 2000
CODEN: LNLHFF
URL: <http://xxx.lanl.gov/pdf/hep-lat/0011034>
PB Los Alamos National Laboratory
DT Journal; (preprint)
LA English
RE.CNT 11
RE
(1) Bali, G; Phys Rev D 1995, V51, P5165 CAPLUS
(2) Bali, G; Phys Rev D 1996, V54, P2863 CAPLUS
(4) Bornyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(6) DeGrand, T; Phys Rev D 1980, V22, P2478 CAPLUS
(8) Hart, A; Phys Rev D 1997, V55, P3756 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 9 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:784605 CAPLUS
DN 134:77516
TI Monopoles, vortices and confinement in SU(3) lattice gauge theory
AU Wensley, Roy; Stack, John
CS Dep. Physics Astronomy, Saint Mary's College, Moraga, CA, 94575, USA
SO Los Alamos Natl. Lab., Prepr. Arch., High Energy Phys.-Lattice (2000)
1-4, arXiv:hep-lat/0011020, 2 Nov 2000
CODEN: LNLHFF
URL: <http://xxx.lanl.gov/pdf/hep-lat/0011020>
PB Los Alamos National Laboratory
DT Journal; (preprint)
LA English
RE.CNT 12
RE
(2) Bali, G; Phys Rev D 1996, V54, P2863 CAPLUS
(4) Bornyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(6) Del Debbio, L; Phys Rev D 1997, V55, P2298 CAPLUS
(8) Matsubara, Y; Nucl Phys Proc Suppl 1995, V42, P529 CAPLUS
(11) Stack, J; Phys Rev D 1994, V50, P3399 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 10 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:719200 CAPLUS
DN 134:290249
TI Allelic variation in the serotonin transporter promoter affects onset of paroxetine treatment response in late-life depression
AU Pollock, B. G.; Ferrell, R. E.; Mulsant, B. H.; Mazumdar, S.; Miller, M.; Sweet, R. A.; Davis, S.; Kirshner, M. A.; Houck, P. R.; Stack, J. A.; Reynolds, C. F.; Kupfer, D. J.
CS Intervention Research Center for Late-Life Mood Disorders and the Geriatric Psychopharmacology Program, Graduate School of Public Health, Pittsburgh, PA, USA
SO Neuropsychopharmacology (2000), 23(5), 587-590
CODEN: NEROW; ISSN: 0893-133X
PB Elsevier Science Inc.
DT Journal
LA English
RE.CNT 14
RE
(1) Collier, D; Mol Psychiatry 1996, V1, P453 CAPLUS
(4) Foglia, J; J Chromatogr Biol Med Appl 1997, V693, P147 CAPLUS
(7) Heils, A; J Neurochemistry 1996, V66, P2621 CAPLUS
(8) Lesch, K; Science 1996, V274, P1527 CAPLUS
(10) Pollock, B; Neuropsychopharmacology 1992, V6, P1 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7 May 07 DGENE Reload
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's DWPI and DPCI
NEWS 10 Aug 23 In-process records and more frequent updates now in MEDLINE
NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
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FILE 'MEDLINE' ENTERED AT 13:14:20 ON 06 SEP 2001

=> s ubiquit? domain and (multimer or multiple or tandem or dosage effect)
L1 6 UBIQUIT? DOMAIN AND (MULTIMER OR MULTIPLE OR TANDEM OR DOSAGE EFFECT)

=> I 1-6 ti

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=> d 1-6 ti

L1 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2001 ACS

TI Domains of the Rsp5 ubiquitin-protein ligase required for receptor-mediated and fluid-phase endocytosis

L1 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2001 ACS

TI The binding site for UCH-L3 on ubiquitin: mutagenesis and NMR studies on the complex between ubiquitin and UCH-L3

L1 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2001 ACS

TI Mapping the ubiquitin-binding domains in the p54 regulatory complex subunit of the Drosophila 26S protease

L1 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS

TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog

L1 ANSWER 5 OF 6 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

TI The binding site for UCH-L3 on ubiquitin: Mutagenesis and NMR studies on the complex between ubiquitin and UCH-L3.

L1 ANSWER 6 OF 6 MEDLINE

TI The binding site for UCH-L3 on ubiquitin: mutagenesis and NMR studies on the complex between ubiquitin and UCH-L3.

=> d 4 all

L1 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS

AN 1995:736530 CAPLUS

DN 123:331391

TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog

AU Garrett, Karla Pfeil; Asz, Teijiro; Bradsher, John N.; Foundling, Stephen
I: Lane, William S.; Conaway, Ronald C.; Conaway, Joan Weliky
CS Program in Molecular and Cell Biology, Oklahoma Medical Res. Foundation,
Oklahoma City, OK, 73104, USA

SO Proc. Natl. Acad. Sci. U. S. A. (1995), 92(16), 7172-6
CODEN: PNASA6; ISSN: 0027-8424

DT Journal

LA English

CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 13

AB General transcription factor SIII, a heterotrimer composed of 110-kDa (p110), 18-kDa (p18), and 15-kDa (p15) subunits, increases the catalytic rate of transcribing RNA polymerase II by suppressing transient pausing by polymerase at multiple sites on DNA templates. Here the authors report mol. cloning and biochemical characterization of the SIII p18 subunit, which is found to be a member of the ubiquitin homol. (UbH) gene family and functions as a pos. regulatory subunit of SIII. P18 is a 118-amino acid protein composed of an 84-residue N-terminal UbH domain fused to a

34-residue C-terminal tail. Mechanistic studies indicate that p18 activates SIII transcriptional activity above a basal level inherent in the SIII p110 and p15 subunits. Taken together, these findings establish

a role for p18 in regulating the activity of the RNA polymerase II elongation complex, and they bring to light a function for a UbH domain protein in transcriptional regulation.

ST rat transcription factor SIII p18 sequence; subunit p18 sequence

cDNA transcription factor; RNA polymerase interaction transcription factor SIII; ubiquitin transcription factor SIII subunit p18

IT Proteins, specific or class

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); PRP (Properties); BIOL (Biological study); PROC (Process)

(SIII p18 subunit as ubiquitin domain protein; function for UbH domain protein in transcriptional regulation)

IT Ribonucleic acid formation factors

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); PRP (Properties); BIOL (Biological study); PROC (Process)

(SIII, p18 subunit; function for UbH domain protein in transcriptional regulation)

IT Molecular association

Protein sequences

Rat

Transcription, genetic (function for UbH domain protein in transcriptional regulation)

IT Gene, animal

RL: PRP (Properties)

(function for UbH domain protein in transcriptional regulation)

IT Deoxyribonucleic acid sequences

(complementary, function for UbH domain protein in transcriptional regulation)

IT 9014-24-8, RNA polymerase

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BIOL (Biological study); PROC (Process)

(II, subunit p18 relating to; function for UbH domain protein in transcriptional regulation)

IT 165885-80-3

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); PRP (Properties); BIOL (Biological study); PROC (Process)

(amino acid sequence; function for UbH domain protein in transcriptional regulation)

IT 60267-61-0, Ubiquitin

RL: BSU (Biological study, unclassified); BIOL (Biological study) (function for UbH domain protein in transcriptional regulation)

IT 170389-88-5

RL: PRP (Properties) (nucleotide sequence; function for UbH domain protein in transcriptional regulation)

=> s UbH domain and transcription? regulat?

L2 3 UBIQUIT DOMAIN AND TRANSCRIPTION? REGULAT?

=> d 1-3 ti

L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS

TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog

L2 ANSWER 2 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog.

L2 ANSWER 3 OF 3 MEDLINE

TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog.

=> s ubiquit? and regulat?/ti

L3 4039 UBIQUIT? AND REGULAT?/TI

=> s ubiquit? and reporter regulat?

L4 1 UBIQUIT? AND REPORTER REGULAT?

=> d

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

AN 2001:397050 CAPLUS

DN 135:1241

TI Regulated expression constructs for cyclin dependent kinase inhibitor genes and their use in identification of genes regulated by them

IN Chang, Bey-dih; Roninson, Igor B.

PA Board of Trustees of the University of Illinois, USA

SO PCT Int. Appl., 136 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001038532	A2	20010531	WO 2000-US28082 20001011 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG WO 2000061751 A1 20001019 WO 2000-US9286 20000407 W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG PRAI US 1999-449589 A2 19991129 WO 2000-US9286 A2 20000407 US 1999-128676 P 19990409

=> d 1 abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

AB This invention provides methods and reagents for identifying genes involved in cell cycle progression, growth promotion, modulation of apoptosis, cellular senescence and aging, and methods for identifying compds. that inhibit or potentiate cellular senescence. Specifically, genes for p16 or p21 cyclin-dependent kinase inhibitors (CDK inhibitors) are placed under the control of promoters with known patterns of regulation and the effects of expression of genes for the CDK inhibitors on patterns of gene expression and cellular phenotypes are detd. These expression constructs can be used to screen for effectors of the inhibitors that can be used to control the cell cycle and cell aging or apoptosis. HT-1080 cells were transformed with an expression construct for a p21 from a cytomegalovirus promoter under control of the lac repressor. This allowed lactose-dependent expression of the p21 gene. Induction of the gene led to a loss of clonogenicity and to an increased no. of abnormal mitotic figures and endoreduplication. A no. of genes that were induced or repressed by p21 expression were identified and patterns of regulation by other stimuli were studied.

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=> s protein degradation signal
 7 PROTEIN
 2 DEGRADATION
 0 SIGNAL
 L5 0 PROTEIN DEGRADATION SIGNAL
 (PROTEIN(W)DEGRADATION(V)SIGNAL)

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L7 ANSWER 1 OF 20 MEDLINE T1 Degradation signals within both terminal domains of the cauliflower mosaic virus capsid protein precursor.				
=> d 1-10 ti				
L7 ANSWER 1 OF 20 MEDLINE T1 Degradation signals within both terminal domains of the cauliflower mosaic virus capsid protein precursor.				
L7 ANSWER 2 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V. T1 Application of the PHO5-gene-fusion technology to molecular genetics and biotechnology in yeast.				
L7 ANSWER 3 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 1 T1 Degradation of transcription factor IRF-1 by the ubiquitin-proteasome pathway. The C-terminal region governs the protein stability.				
L7 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2001 ACS T1 Hepatocellular hydration: signal transduction and functional implications				
L7 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2001 ACS T1 Intracellular proteolysis: signals of selective protein degradation				
L7 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2001 ACS T1 Signal-induced protein degradation by the ubiquitin ligase complex, SCF				
L7 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2001 ACS T1 Evaluation of signals activating ubiquitin-proteasome proteolysis in a model of muscle wasting				
L7 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2001 ACS T1 Dissection of pathways leading to antigen receptor-induced and Fas/CD95-induced apoptosis in human B cells				
L7 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2001 ACS T1 Signal-dependent degradation of I.kappa.B.alpha. is mediated by an inducible destruction box that can be transferred to NF-.kappa.B, Bcl-3 or p53				
L7 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 2 T1 Notch/LIN-12 signaling: transduction by regulated protein slicing				
=> d 11-20 ti				
L7 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2001 ACS				

T1 Phosphorylation of I.kappa.B-alpha. inhibits its cleavage by caspase CPP32 in vitro

L7 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 The Listeria monocytogenes-secreted p60 protein is an N-end rule substrate
in the cytosol of infected cells. Implications for major histocompatibility complex class I antigen processing of bacterial proteins

L7 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 The signal response of I.kappa.B.alpha. is regulated by transferable N- and C-terminal domains

L7 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 Signals regulating accelerated muscle protein catabolism in uremia

L7 ANSWER 15 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.DUPLICATE 3

T1 Phosphorylation events associated with different states of activation of a hepatic cardiolipin/protease-activated protein kinase. Structural identity to the protein kinase N-type protein kinases.

L7 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 Mixed mechanisms in yeast pre-mRNA splicing?

L7 ANSWER 17 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.DUPLICATE 4

T1 Metabolism of the polyubiquitin degradation signal: Structure, mechanism, and role of isopeptidase T.

L7 ANSWER 18 OF 20 MEDLINE

T1 Heteronuclear three-dimensional NMR spectroscopy of a partially denatured protein: the A-state of human ubiquitin.

L7 ANSWER 19 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.DUPLICATE 5

T1 Isolation of cDNA clone encoding rat senescence marker protein-30 (SMP30) and its tissue distribution.

L7 ANSWER 20 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI.

B.V.DUPLICATE 6

T1 Protein synthesis, posttranslational modifications, and aging.

=> d 17 abs, so

L7 ANSWER 17 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.DUPLICATE 4

AB A necessary step in ubiquitin-dependent proteolysis is the addition of a polyubiquitin chain to the target protein. This ubiquitinated protein is degraded by a multisubunit complex known as the 26S proteasome.

The polyubiquitin chain is probably not released until a late stage in the proteolysis by the proteasome. It is subsequently disassembled to yield functional ubiquitin monomers. Here we present evidence that a 93 kDa protein, isopeptidase T, has the properties expected for the enzyme which

disassembles these branched polyubiquitin chains. Protein and cDNA sequencing revealed that isopeptidase T is a member of the ubiquitin specific protease family (UBP). Isopeptidase T disassembles branched polyubiquitin chains (linked by the G76-K48 isopeptide bond) by a sequential exo mechanism, starting at the proximal end of the chain (the

proximal ubiquitin contains a free carboxyl-terminus). Isopeptidase T prefers to disassemble chains in which there is an intact and unblocked RGG sequence at the C-terminus of the proximal subunit. Rates of disassembly are reduced when G76 of the proximal ubiquitin is modified, for example, by ligation to substrate protein, by esterification, by replacement of the proximal glycine with alanine (G76A), or by truncation.

Linear polyubiquitin is only a poor substrate. Observed rates and specificity are consistent with isopeptidase T playing a major role in disassembly of polyubiquitin chains. The high discrimination against chains that are blocked or modified at the proximal end indicates that the

enzyme acts after release of the chains from conjugated proteins or degradation intermediates. Thus, the proteolytic degradation signal is not

disassembled by isopeptidase T before the ubiquitinated protein is degraded. These (and earlier) results suggest that UBP isozymes may exhibit significant substrate specificity, consistent with a role in the regulated catabolism of the polymeric ubiquitin, including the polyubiquitin protein degradation signal.

SO Biochemistry, (1995) 34/44 (14535-14546).

ISSN: 0006-2960 CODEN: BICAW

=> s polyubiquit? and (proteoly? or degrad? or breakdown)

L8 626 POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN)

=> s polyubiquit? and (proteoly? or degrad? or breakdown)/ti

L9 247 POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN)/TI

=> d 1-10 ti

L9 ANSWER 1 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Polyamine analogues inhibit the ubiquitination of spermidine/spermine N1-acetyltransferase and prevent its targeting to the proteasome for degradation

L9 ANSWER 2 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Space shuttle flight (STS-90) enhances degradation of rat myosin heavy chain in association with activation of ubiquitin-proteasome pathway

L9 ANSWER 3 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 A complex degradation signal in Cyclin A required for G1 arrest, and a C-terminal region for mitosis

L9 ANSWER 4 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Ubiquitin-proteasome-dependent proteolysis: a complex machinery specialized in the selective and highly controlled breakdown of proteins

L9 ANSWER 5 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Regulation of the cell cycle at the G1-S transition by proteolysis of cyclin E and p27kip1

L9 ANSWER 6 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Role of proteasomal degradation in the cell cycle-dependent regulation of DNA topoisomerase II α expression

L9 ANSWER 7 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Accelerated HER-2 degradation enhances ovarian tumor recognition by CTL. Implications for tumor immunogenicity

L9 ANSWER 8 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 The F-Box Protein SKP2 Binds to the Phosphorylated Threonine 380 in Cyclin E and Regulates Ubiquitin-Dependent Degradation of Cyclin E

L9 ANSWER 9 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Shared pathways of I.kappa.B kinase-induced SCF β .TrCP-mediated ubiquitination and degradation for the NF- κ B precursor p105 and I.kappa.B α .

L9 ANSWER 10 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Rapid polyubiquitination and proteasomal degradation of a mutant form of NAD(P)H:quione oxidoreductase 1

=> d 8 so, abs

L9 ANSWER 8 OF 247 CAPLUS COPYRIGHT 2001 ACS

SO Biochem. Biophys. Res. Commun. (2001), 281(4), 884-890

CODEN: BBRCAS; ISSN: 0006-291X

AB Cyclin E is required for S phase entry. The subsequent ubiquitin-dependent degrdn. of cyclin E contributes to an orderly progression of the S phase. It has been shown that phosphorylation of threonine 380 (Thr380) in cyclin E provides a signal for its ubiquitin-dependent proteolysis. We report that SKP2, an F-box

protein and a substrate-targeting component of the SCFSKP2 ubiquitin E3

ligase complex, mediates cyclin E degrdn. In vitro, SKP2 specifically interacts with the cyclin E peptide contg. the phosphorylated-Thr380 but not with

a cognate nonphosphorylated peptide. In vivo, expression of SKP2

induced cyclin E polyubiquitination and degrdn. Conversion of Thr380 into nonphosphorylatable amino acids caused significant resistance of cyclin E to SKP2. The presence of the CDK inhibitor p27kip1 also prevented the SKP2-dependent degrdn. of cyclin E. Our findings suggest

that SKP2 regulates cyclin E stability, thus contributing to the control of S phase progression. (c) 2001 Academic Press.

=> s (polyubiquit? and (proteoly? or degrad? or breakdown))/ti and

py<1999

2 FILES SEARCHED...

L10 18 (POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN))/TI AND

PY<1999

=> d 1-18 so, ti

L10 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO EMBO J. (1997), 16(16), 4826-4838

CODEN: EMJODG; ISSN: 0261-4189

TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14 modulates rates of protein degradation by the proteasome

L10 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1996), 271(37), 22796-22801

CODEN: JBCHA3; ISSN: 0021-9258

TI Polyubiquitination and proteasomal degradation of the p185c-erbB-2 receptor protein-tirosine kinase induced by geldanamycin

L10 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO Biochemistry (1995), 34(44), 14535-46

CODEN: BICHAW; ISSN: 0006-2960

TI Metabolism of the polyubiquitin degradation signal: structure, mechanism, and role of isopeptidase T

L10 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1992), 267(2), 719-27

CODEN: JBCHA3; ISSN: 0021-9258

TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin chains. Role in protein degradation

L10 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1990), 265(35), 21664-9

CODEN: JBCHA3; ISSN: 0021-9258

TI Ubiquitin-mediated degradation of histone H3 does not require the substrate-binding ubiquitin protein ligase, E3, or attachment of polyubiquitin chains

L10 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2001 ACS

SO Biochem. Biophys. Res. Commun. (1989), 162(1), 89-94

CODEN: BBRCA9; ISSN: 0006-291X

TI Inhibition of ubiquitin-dependent proteolysis by des-Gly-Gly-ubiquitin: implications for the mechanism of polyubiquitin synthesis

L10 ANSWER 7 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

SO EMBO Journal, (1997) 16/16 (4826-4838).

Refs: 42

ISSN: 0261-4189 CODEN: EMJODG

TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14 modulates rates of protein degradation by the proteasome.

L10 ANSWER 8 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

SO Journal of Biological Chemistry, (1996) 271/37 (22796-22801).

ISSN: 0021-9258 CODEN: JBCHA3

TI Polyubiquitination and proteasomal degradation of the p185c-erbB-2 receptor protein-tirosine kinase induced by geldanamycin.

L10 ANSWER 9 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

SO Biochemistry, (1995) 34/44 (14535-14546).

ISSN: 0006-2960 CODEN: BICHAW

TI Metabolism of the polyubiquitin degradation signal: Structure, mechanism, and role of isopeptidase T.

L10 ANSWER 10 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

SO Journal of Biological Chemistry, (1992) 267/2 (719-727).

ISSN: 0021-9258 CODEN: JBCHA3

TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin chains: Role in protein degradation.

L10 ANSWER 11 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

SO Journal of Biological Chemistry, (1990) 265/35 (21664-21669).

ISSN: 0021-9258 CODEN: JBCHA3

TI Ubiquitin-mediated degradation of histone H3 does not require the substrate-binding ubiquitin protein ligase, E3, or attachment of polyubiquitin chains.

L10 ANSWER 12 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

SO Biochemical and Biophysical Research Communications, (1989) 162/1 (89-94).

ISSN: 0006-291X CODEN: BBRCA

TI Inhibition of ubiquitin-dependent proteolysis by des-Gly-Gly-ubiquitin: Implications for the mechanism of polyubiquitin synthesis.

L10 ANSWER 13 OF 18 MEDLINE

SO EMBO JOURNAL, (1997 Aug 15) 16 (16) 4826-38.

Journal code: EMB; 8208664. ISSN: 0261-4189.

TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14 modulates rates of protein degradation by the proteasome.

L10 ANSWER 14 OF 18 MEDLINE
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Sep 13) 271 (37) 22796-801.

Journal code: HIV; 2985121R. ISSN: 0021-9258.

TI Polyubiquitination and proteasomal degradation of the p185c-erbB-2 receptor protein-tirosine kinase induced by geldanamycin.

L10 ANSWER 15 OF 18 MEDLINE
SO BIOCHEMISTRY, (1995 Nov 7) 34 (44) 14535-46.

Journal code: AOG; 0370623. ISSN: 0006-2960.

TI Metabolism of the polyubiquitin degradation signal: structure, mechanism, and role of isopeptidase T.

L10 ANSWER 16 OF 18 MEDLINE
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Jan 15) 267 (2) 719-27.

Journal code: HIV; 2985121R. ISSN: 0021-9258.

TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin chains. Role in protein degradation.

L10 ANSWER 17 OF 18 MEDLINE
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1990 Dec 15) 265 (35) 21664-9.

Journal code: HIV; 2985121R. ISSN: 0021-9258.

TI Ubiquitin-mediated degradation of histone H3 does not require the substrate-binding ubiquitin protein ligase, E3, or attachment of polyubiquitin chains.

L10 ANSWER 18 OF 18 MEDLINE
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1989 Jul 14)

162 (1) 89-94.

Journal code: 9Y8; 0372516. ISSN: 0006-291X.

TI Inhibition of ubiquitin-dependent proteolysis by des-Gly-Gly-ubiquitin: implications for the mechanism of polyubiquitin synthesis.

=> d 18 abs

L10 ANSWER 18 OF 18 MEDLINE
AB Cleavage of the two carboxyl-terminal glycine residues from native ubiquitin yields the proteolysis-incompetent derivative des-Gly-Gly-ubiquitin. We report here that this derivative inhibits the ATP-dependent degradation of casein and is multi-ubiquitinated but not degraded by reticulocyte lysates. Inhibition of proteolysis diminished with increasing concentration of native ubiquitin, but was not reduced by

increased casein concentration. Cleavage of the last four residues from ubiquitin yielded a derivative that was a weaker inhibitor of proteolysis and a poorer substrate for ubiquitination. These results suggest that the

conjugation of ubiquitin to ubiquitin during polyubiquitin synthesis involves a specific conjugation system that recognizes ubiquitin and some

of its derivatives, but not general proteolysis substrates, as ubiquitin acceptors.

=> s ((regulat? or induc? or control? or depend?) and (proteoly? or degrad? or stabl?) and domain)/ti

L11 271 (REGULAT? OR INDUC? OR CONTROL? OR DEPEND?) AND (PROTEOLY? OR DEGRAD? OR STABIL?) AND DOMAIN)/TI

=> dup

ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem

ENTER L# LIST OR (END):l11

PROCESSING COMPLETED FOR L11

L12 106 DUP REM L11 (165 DUPLICATES REMOVED)

=> d 50-60 ti

L12 ANSWER 50 OF 106 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 47

TI Expression in Escherichia coli, phosphorylation with cAMP-dependent protein kinase and proteolysis by calpain of a 71-kDa domain of human endothelial actin binding protein

L12 ANSWER 51 OF 106 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 48

TI Structural comparison in solution of a native and retro peptide derived from the third helix of *Staphylococcus aureus* protein A, domain B: retro peptides, a useful tool for the discrimination of helix stabilization factors dependent on the peptide chain orientation

L12 ANSWER 52 OF 106 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 49

TI A 27-kDa matrix receptor from rat brain synaptosomes: selective recognition of the Arg-Gly-Asp-Ser domain and unique resistance to calcium-dependent proteolysis
 L12 ANSWER 53 OF 106 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 50
 TI A chimeric tyrosine/tryptophan hydroxylase. The tyrosine hydroxylase regulatory domain serves to stabilize enzyme activity
 L12 ANSWER 54 OF 106 CAPLUS COPYRIGHT 2001 ACS
 TI Cellular processing of vitamin k-dependent proteins: stability of protein precursors in the endoplasmic reticulum (plasma proteins, kringle domains)
 L12 ANSWER 55 OF 106 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 51
 TI Modular structure of glucocorticoid receptor domains is not equivalent to functional independence. Stability and activity of the steroid binding domain are controlled by sequences in separate domains
 L12 ANSWER 56 OF 106 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 52
 TI Signal transduction by activated mNotch: importance of proteolytic processing and its regulation by the extracellular domain
 L12 ANSWER 57 OF 106 CAPLUS COPYRIGHT 2001 ACS
 TI Magnetically induced superresolution using domain stability
 L12 ANSWER 58 OF 106 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 53
 TI Temperature and pH dependences of hydrogen exchange and global stability for ovomucoid third domain
 L12 ANSWER 59 OF 106 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 54
 TI Multiple structural domains within I.kappa.B.alpha. are required for its inducible degradation by both cytokines and phosphatase inhibitors
 L12 ANSWER 60 OF 106 CAPLUS COPYRIGHT 2001 ACS
 TI Simultaneous stabilization with multiple bounded domains of stability (robust control)

=> d 60 so, abs

L12 ANSWER 60 OF 106 CAPLUS COPYRIGHT 2001 ACS
 SO (1995) 199 pp. Avail.: Univ. Microfilms Int., Order No.: DA9531061
 From: Diss. Abstr. Int., B 1995, 56(5), 2770
 AB Unavailable

=> d 59 so, abs

L12 ANSWER 59 OF 106 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 54
 SO Biochem. Biophys. Res. Commun. (1996), 223(1), 123-128
 CODEN: BBRCA9; ISSN: 0006-291X
 AB Activation of the transcription factor NF-*kappa*B by various cellular stimuli involves phosphorylation and subsequent degrdn. of its inhibitor I.kappa.B.alpha.. Both the cytokine tumor necrosis factor alpha (TNF-alpha.) and the phosphatase inhibitor calyculin A have been shown to induce rapid phosphorylation and degrdn. of I.kappa.B.alpha.. In the present study, we demonstrate that TNF-alpha. and calyculin A stimulate similar although not identical pattern of I.kappa.B.alpha. phosphorylation, as demonstrated by phosphopeptide mapping. Interestingly, phosphorylation of I.kappa.B.alpha. induced by both inducers involves serine-32 and serine-36 of I.kappa.B.alpha.. Furthermore, TNF-alpha.- and calyculin A-induced degrdn. of I.kappa.B.alpha. appears to require the same structural domains within I.kappa.B.alpha.. In addn. to the N-terminal phosphorylation sites and the C-terminal sequences, each of the five ankyrin-like repeats of I.kappa.B.alpha. is critically required for the inducible degrdn. of this NF-*kappa*B inhibitor. Together, these studies suggest that degrdn. of I.kappa.B.alpha. by both cytokines and phosphatase inhibitors is regulated by site-specific phosphorylation and requires multiple structural domains.

=> s ((ubiq? and (proteoly? or stabl? or degrad?) and report?) /ti UNMATCHED LEFT PARENTHESIS '((UBIQ?
 The number of right parentheses in a query must be equal to the number of left parentheses.
 => s (ubiq? and (proteoly? or stabl? or degrad?) and report?) /ti

L13 2 (UBIQ? AND (PROTEOLY? OR STABIL? OR DEGRAD?) AND REPORT?) /ti
 => d 1-2 so, ti
 L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
 SO Proc. Natl. Acad. Sci. U. S. A. (1993), 90(2), 418-21
 CODEN: PNASA6; ISSN: 0027-8424
 TI Use of a reporter transgene to generate *Arabidopsis* mutants in ubiquitin-dependent protein degradation
 L13 ANSWER 2 OF 2 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 SO Proceedings of the National Academy of Sciences of the United States of America, (1993) 90/2 (418-421).
 ISSN: 0027-8424 CODEN: PNASA6
 TI Use of a reporter transgene to generate *Arabidopsis* mutants in ubiquitin- dependent protein degradation.

=> d 1 all

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:95280 CAPLUS
 DN 118:95280
 TI Use of a reporter transgene to generate *Arabidopsis* mutants in ubiquitin-dependent protein degradation
 AU Bachmair, Andreas; Becker, Frank; Schell, Jeff
 CS Max-Planck-Inst. Zuchungsforsch., Cologne, D-5000/30, Germany
 SO Proc. Natl. Acad. Sci. U. S. A. (1993), 90(2), 418-21
 CODEN: PNASA6; ISSN: 0027-8424
 DT Journal
 LA English
 CC 3-2 (Biochemical Genetics)
 Section cross-reference(s): 6, 11
 AB Ubiquitin-dependent proteolysis is a major proteolytic pathway in the cytoplasm and nucleus of eukaryotic cells. The authors introduced a gene encoding a substrate for this pathway into the genome of *A. thaliana*. The transgene codes for a hybrid protein consisting of dihydrofolate reductase (DHFR, EC 1.5.1.3) fused to a degrdn. signal that is specifically recognized by components of the ubiquitin-dependent proteolysis pathway. Elevated concns. of the DHFR protein confer resistance to the drug methotrexate, but rapid degrdn. prevents accumulation of the protein in the plant. Therefore, transgenic *A. thaliana* lines expressing the DHFR fusion protein are methotrexate-sensitive. Selection for mutants resistant to methotrexate resulted in plants impaired in degrdn. of the DHFR model substrate, as shown by an increase in protein level in the mutants.
 ST ubiquitin dependent proteolysis reporter transgene *Arabidopsis*; dihydrofolate reductase reporter gene ubiquitin proteolysis
 IT Mutation
 (in ubiquitin-dependent protein degrdn. pathway, in *Arabidopsis thaliana*, use of reporter transgene for generation of)
 IT Proteins, biological studies
 RL: PRP (Properties)
 (ubiquitin-dependent degrdn. of, use of reporter transgene to generate *Arabidopsis thaliana* mutants in)
 IT Arabidopsis thaliana
 (ubiquitin-dependent proteolysis in, mutants in, reporter transgene constructs for generating)
 IT Gene, plant
 RL: BIOL (Biological study)
 (prf1, for ubiquitin-dependent proteolysis, in *Arabidopsis thaliana*)
 IT Gene, animal
 RL: BIOL (Biological study)
 (DHFR, for dihydrofolate reductase, as reporter transgene for generation of *Arabidopsis thaliana* mutants in ubiquitin-dependent protein degrdn.)
 IT 60267-61-0, Ubiquitin
 RL: BIOL (Biological study)
 (protein degrdn. dependent on, use of reporter transgene for generation of *Arabidopsis* mutants deficient in)
 IT 59-05-2, Methotrexate
 RL: BIOL (Biological study)
 (resistance to, for selection of *Arabidopsis* mutants impaired in ubiquitin-dependent protein generation)
 IT 9002-03-3, Dihydrofolate reductase
 RL: BIOL (Biological study)
 (transgene for, as reporter for generation of *Arabidopsis* mutants in ubiquitin-dependent protein degrdn.)

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AND TECHNOLOGY CORPORATION, AND
FACHINFORMATIONSZENTRUM KARLSRUHE

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FILE 'EMBASE' ENTERED AT 13:55:50 ON 06 SEP 2001
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=> d his

(FILE 'HOME' ENTERED AT 13:14:09 ON 06 SEP 2001)

FILE 'CAPLUS, EMBASE, MEDLINE' ENTERED AT 13:14:20 ON 06
SEP 2001
L1 6 S UBIQUIT? DOMAIN AND (MULTIMER OR MULTIPLE OR
TANDEM OR DOSAGE)
L2 3 S UBH DOMAIN AND TRANSCRIPTION? REGULAT?
L3 4039 S UBIQUIT? AND REGULAT?/TI
L4 1 S UBIQUIT? AND REPORTER REGULAT?

FILE 'STNGUIDE' ENTERED AT 13:23:41 ON 06 SEP 2001
L5 0 S PROTEIN DEGRADATION SIGNAL
FILE 'CAPLUS, EMBASE, MEDLINE' ENTERED AT 13:28:12 ON 06
SEP 2001
L6 26 S PROTEIN DEGRADATION SIGNAL
L7 20 DUP REM L6 (6 DUPLICATES REMOVED)
L8 626 S POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN)
L9 247 S POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN)/TI
L10 18 S (POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN))/TI AND
L11 271 S ((REGULAT? OR INDUC? OR CONTROL? OR
DEPEND?) AND (PROTEOLY? O
L12 106 DUP REM L11 (165 DUPLICATES REMOVED)
L13 2 S (UBIQ? AND (PROTEOLY? OR STABIL? OR DEGRAD?)
AND REPORT?)/TI

FILE 'STNGUIDE' ENTERED AT 13:51:21 ON 06 SEP 2001

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 13:55:50 ON 06
SEP 2001

=> s prot? and (degrad? or stabil?) and ((homolg or recog?) and (domain
or motif))
1 FILES SEARCHED...
L14 3957 PROT? AND (DEGRAD? OR STABIL?) AND ((HOMOLGY
OR RECOG?) AND
(DOMAIN OR MOTIF))

=> s (prot? and (degrad? or stabil?) and ((homolg or recog?) and
(domain or motif))/ti
L15 6 (PROT? AND (DEGRAD? OR STABIL?) AND ((HOMOLGY
OR RECOG?) AND
(DOMAIN OR MOTIF)))/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?);rem
ENTER L# LIST OR (END);i15
PROCESSING COMPLETED FOR L15
L16 2 DUP REM L15 (4 DUPLICATES REMOVED)

=> d 1-2 so, ti

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 1

SO Nucleic Acids Res. (2000), 28(8), 1778-1784

CODEN: NARHAD; ISSN: 0305-1048

TI The RNA-binding domain of ribosomal protein L11
recognizes an rRNA tertiary structure stabilized by both
thiostrepton and magnesium ion

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 2

SO Protein Eng. (1996), 9(6), 531-537

CODEN: PRENE9; ISSN: 0269-2139

TI Single antibody domains as small recognition units:
design and in vitro antigen selection of camelized, human VH
domains with improved protein stability

=> s (reporter regulation)/ti

L17 0 (REPORTER REGULATION)/TI

=> s ((ubiquit? domain) and (protease or kinase) and reporter)/ti
L18 0 ((UBIQUIT? DOMAIN) AND (PROTEASE OR KINASE) AND
REPORTER)/TI

=> s ((ubiquit? domain) and reporter)/ti
L19 0 ((UBIQUIT? DOMAIN) AND REPORTER)/TI

=> s (ubiquit? and reporter and (kinase or protease))/ti
L20 0 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))/TI

=> s (ubiquit? and reporter and (kinase or protease))
L21 217 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))

=> dup

ENTER REMOVE, IDENTIFY, ONLY, OR (?);rem

ENTER L# LIST OR (END);i21

PROCESSING COMPLETED FOR L21

L22 108 DUP REM L21 (109 DUPLICATES REMOVED)

=> d 20-30 so, ti

L22 ANSWER 20 OF 108 MEDLINE

SO EUROPEAN JOURNAL OF CELL BIOLOGY, (2000 May) 79 (5) 336-
42.

Journal code: EM7. ISSN: 0171-9335.

TI Identification of the universal cofactor (auxilin 2) in clathrin coat
dissociation.

L22 ANSWER 21 OF 108 CAPLUS COPYRIGHT 2001 ACS

SO Mol. Carcinog. (2000), 28(4), 215-224

CODEN: MOCAEB; ISSN: 0899-1987

TI Modulation of transcriptional activity of p53 by ultraviolet radiation:
linkage between p53 pathway and DNA repair through damage

recognition

L22 ANSWER 22 OF 108 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 11

SO Arch. Biochem. Biophys. (2000), 377(1), 204-212

CODEN: ABBIA4; ISSN: 0003-9861

TI Arsenic Inhibits NF- κ B-mediated Gene Transcription by
Blocking

I. κ B Kinase Activity and I. κ B. α . Phosphorylation
and Degradation

L22 ANSWER 23 OF 108 CAPLUS COPYRIGHT 2001 ACS

SO Methods Enzymol. (2000), 327(Aplications of Chimeric Genes and
Hybrid

Proteins, Pt. B), 190-198

CODEN: MENZAU; ISSN: 0076-6879

TI Detecting interactions between membrane proteins in vivo using

chimeras

L22 ANSWER 24 OF 108 CAPLUS COPYRIGHT 2001 ACS

SO Cell Growth Differ. (2000), 11(3), 163-171

CODEN: CGDIE7; ISSN: 1044-9523

TI Expression of the A-raf proto-oncogene in the normal adult and
embryonic

mouse

L22 ANSWER 25 OF 108 MEDLINE

SO NATURE MEDICINE, (2000 Jan) 6 (1) 96-9.

Journal code: CG5; 9502015. ISSN: 1078-8956.

TI Reduced stability of retinoblastoma protein by gankyrin, an oncogenic

ankyrin-repeat protein overexpressed in hepatomas.

L22 ANSWER 26 OF 108 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 12

SO J. Pineal Res. (2000), 29(1), 24-33

CODEN: JPRSE9; ISSN: 0742-3098

TI Antisense experiments reveal molecular details on mechanisms of
 ICER
 suppressing cAMP-inducible genes in rat pinealocytes
 L22 ANSWER 27 OF 108 CAPLUS COPYRIGHT 2001 ACS
 SO PCT Int. Appl., 87 pp.
 CODEN: PIXXD2
 TI Mammalian expression constructs inducible by hyperthermia for use in
 gene
 therapy
 L22 ANSWER 28 OF 108 CAPLUS COPYRIGHT 2001 ACS
 SO PCT Int. Appl., 114 pp.
 CODEN: PIXXD2
 TI Coiled-coil domain peptides with post-translational modification
 domains
 for studying protein modification and protein interaction
 L22 ANSWER 29 OF 108 CAPLUS COPYRIGHT 2001 ACS
 SO PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 TI Identification and characterization of an I.kappa.B kinase
 L22 ANSWER 30 OF 108 CAPLUS COPYRIGHT 2001 ACS
 SO U.S., 61 pp., Cont. -in-part of U. S. Ser. No. 250,795.
 CODEN: USXXAM
 TI Molecular cloning and characterization of ubiquitin-conjugating
 enzymes and their use in screening assays for agents able to inhibit
 ubiquitin-mediated proteolysis
 => s (ubiquit? and reporter and (kinase or protease))/abs
 'ABS' IS NOT A VALID FIELD CODE
 'ABS' IS NOT A VALID FIELD CODE
 'ABS' IS NOT A VALID FIELD CODE
 L23 0 (UBIQUIT? AND REPORTER AND (KINASE OR
 PROTEASE))/ABS
 => s (ubiquit? and reporter and (kinase or protease))/ab
 L24 164 (UBIQUIT? AND REPORTER AND (KINASE OR
 PROTEASE))/AB
 => d 1-10
 L24 ANSWER 1 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:582076 CAPLUS
 TI Methods of protein destabilization with noncleavable ubiquitin fusion
 proteins and uses in assays and in regulating target protein
 concentrations
 IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian
 A.
 PA Aurora Biosciences Corporation, USA
 SO PCT Int. Appl., 171 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 PI WO 2001057242 A2 20010809 WO 2001-US3791 20010202
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
 CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
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 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
 RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
 VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
 CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 PRAI US 2000-498098 A2 20000204
 L24 ANSWER 2 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:396028 CAPLUS
 DN 135:132738
 TI The serine/threonine transmembrane receptor ALK2 mediates
 Mullerian
 inhibiting substance signaling
 AU Visser, Jenny A.; Olaso, Robert; Verhoeft-Post, Miriam; Kramer, Piet;
 Themmen, Axel P. N.; Ingraham, Holly A.
 CS Department of Physiology, University of California, San Francisco,
 San
 Francisco, CA, 94143-0444, USA
 SO Mol. Endocrinol. (2001), 15(6), 936-945
 CODEN: MOENEN; ISSN: 0888-8809
 PB Endocrine Society
 DT Journal
 LA English
 RE.CNT 49

RE
 (1) Abdollah, S; J Biol Chem 1997, V272, P27678 CAPLUS
 (2) Attisano, L; Mol Cell Biol 1996, V16, P1066 CAPLUS
 (3) Baarends, W; Development 1994, V120, P189 CAPLUS
 (4) Baarends, W; Endocrinology 1995, V136, P4951 CAPLUS
 (5) Baarends, W; Endocrinology 1995, V136, P5614 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L24 ANSWER 3 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:392903 CAPLUS
 DN 135:151503
 TI I.kappa.B kinase is critical for TNF-.alpha.-induced VCAM1 gene
 expression
 in renal tubular epithelial cells
 AU Tu, Zheng; Kelley, Vicki Rubin; Collins, Tucker; Lee, Frank S.
 CS Department of Pathology and Laboratory Medicine, University of
 Pennsylvania School of Medicine, Philadelphia, PA, 19104, USA
 SO J. Immunol. (2001), 166(11), 6839-6846
 CODEN: JOIMA3; ISSN: 0022-1767
 PB American Association of Immunologists
 DT Journal
 LA English
 RE.CNT 63
 RE
 (2) Ashkenazi, A; Science 1998, V281, P1305 CAPLUS
 (3) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS
 (4) Beg, A; Nature 1995, V376, P167 CAPLUS
 (5) Brady, H; Kidney Int 1994, V45, P1285 CAPLUS
 (11) Burkly, L; Eur J Immunol 1991, V21, P2871 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L24 ANSWER 4 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:367789 CAPLUS
 TI MEKK2 is required for T-cell receptor signals in JNK activation and
 interleukin-2 gene expression
 AU Su, Bing; Cheng, Jinke; Yang, Jianhua; Guo, Zijian
 CS Department of Immunology, M. D. Anderson Cancer Center, The
 University of
 Texas, Houston, TX, 77030, USA
 SO J. Biol. Chem. (2001), 276(18), 14784-14790
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 41
 RE
 (1) Blank, J; J Biol Chem 1996, V271, P5361 CAPLUS
 (2) Cheng, J; Mol Cell Biol 2000, V20, P2334 CAPLUS
 (3) Choi, K; Cell 1994, V78, P499 CAPLUS
 (4) Davis, R; Cell 2000, V103, P239 CAPLUS
 (5) Deacon, K; J Biol Chem 1997, V272, P14489 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L24 ANSWER 5 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:304578 CAPLUS
 DN 135:121042
 TI Epstein-Barr Virus and its Glycoprotein-350 Upregulate IL-6 in Human
 B-lymphocytes via CD21, Involving Activation of NF-.kappa.B and
 Different
 Signaling Pathways
 AU D'Addario, Mano; Libermann, Towia A.; Xu, Jingwu; Ahmad, Ali;
 Menezes,
 Jose
 CS Laboratory of Immunovirology, Department of Microbiology and
 Immunology
 and Pediatric Research Center, University of Montreal, and Ste.
 Justine
 Hospital, Montreal, QC, H3T 1C5, Can.
 SO J. Mol. Biol. (2001), 308(3), 501-514
 CODEN: JMOBAK; ISSN: 0022-2836
 PB Academic Press
 DT Journal
 LA English
 RE.CNT 48
 RE
 (1) Akire, S; EMBO J 1990, V9, P1897 CAPLUS
 (2) Bauerle, P; Cell 1998, V95, P729 CAPLUS
 (3) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS
 (4) Barel, M; Mol Immunol 1995, V32, P389 CAPLUS
 (6) Bouillie, S; J Immunol 1999, V162, P136 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L24 ANSWER 6 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:161161 CAPLUS
 TI The human ubiquitous 6-phosphofructo-2-kinase/fructose-2,6-
 bisphosphatase
 gene (PFKFB3): promoter characterization and genomic structure
 AU Navarro-Sabate, A.; Manzano, A.; Riera, L.; Rosa, J. L.; Ventura, F.;
 Bartrons, R.
 CS Campus de Bellvitge, Unitat de Bioquímica, Departament de Ciències
 Fisiològiques II, Universitat de Barcelona, L'Hospitalet, E-08907, Spain
 SO Gene (2001), 264(1), 131-138
 CODEN: GENED6; ISSN: 0378-1119

- PB Elsevier Science B.V.
 DT Journal
 LA English
 RE.CNT 33
 RE
 (1) Bosca, L; Proc Natl Acad Sci USA 1985, V82, P6440 CAPLUS
 (2) Chesney, J; Proc Natl Acad Sci USA 1999, V96, P3047 CAPLUS
 (3) Chikri, M; Biochemistry 1995, V34, P8876 CAPLUS
 (4) Dalmau, M; Exp Cell Res 1994, V212, P93 CAPLUS
 (5) Fry, C; J Biol Chem 1999, V274, P29583 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L24 ANSWER 7 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:850064 CAPLUS
 DN 134:233212
 TI Detecting interactions between membrane proteins in vivo using chimeras
 AU Stagljar, Igor; te Heesen, Stephan
 CS Institute of Veterinary Biochemistry, University of Zurich, Zurich, 8057, Switz.
 SO Methods Enzymol. (2000), 327(Aplications of Chimeric Genes and Hybrid Proteins, Pt. B), 190-198
 CODEN: MENZAU; ISSN: 0076-6879
 PB Academic Press
 DT Journal
 LA English
 RE.CNT 17
 RE
 (1) Aronheim, A; Mol Cell Biol 1997, V17, P3094 CAPLUS
 (3) Dunnwald, M; Mol Biol Cell 1999, V10, P329 CAPLUS
 (4) Durfee, T; Genes Dev 1993, V7, P555 CAPLUS
 (5) Fields, S; Nature (London) 1989, V340, P245 CAPLUS
 (6) Gietz, D; Nucleic Acids Res 1992, V20, P1425 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L24 ANSWER 8 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:777158 CAPLUS
 DN 134:41072
 TI Tumor necrosis factor .alpha.-induced phosphorylation of RelA/p65 on ser529 is controlled by casein kinase II
 AU Wang, Dan; Westerheide, Sandy D.; Hanson, Julie L.; Baldwin, Albert S., Jr.
 CS Department of Biology, Curriculum in Genetics and Molecular Biology and Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill, NC, 27599-7295, USA
 SO J. Biol. Chem. (2000), 275(42), 32592-32597
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 63
 RE
 (1) Ackerman, P; J Biol Chem 1989, V264, P11958 CAPLUS
 (2) Baueuerle, P; Annu Rev Immunol 1994, V12, P141 CAPLUS
 (3) Baueuerle, P; Cell 1996, V87, P13 CAPLUS
 (4) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS
 (5) Barroga, C; Proc Natl Acad Sci U S A 1995, V92, P7637 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L24 ANSWER 9 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:539251 CAPLUS
 DN 133:203260
 TI Antisense experiments reveal molecular details on mechanisms of ICER suppressing cAMP-inducible genes in rat pinealocytes
 AU Pfeffer, Martina; Maronde, Erik; Korf, Horst-Werner; Stehle, Jorg H. CS Dr. Senckenbergische Anatomie, Anatomisches Institut II, Johann Wolfgang Goethe-Universität Frankfurt, Frankfurt, 60590, Germany
 SO J. Pineal Res. (2000), 29(1), 24-33
 CODEN: JPRES9; ISSN: 0742-3098
 PB Munksgaard International Publishers Ltd.
 DT Journal
 LA English
 RE.CNT 33
 RE
 (1) Baler, R; J Biol Chem 1997, V272, P6979 CAPLUS
 (2) Bodor, J; Proc Natl Acad Sci USA 1996, V93, P3536 CAPLUS
 (3) Desdouets, C; Mol Cell Biol 1995, V15, P3301 CAPLUS
 (4) Drifhout, W; J Neurochem 1996, V66, P748 CAPLUS
 (5) Ebihara, S; Science 1986, V231, P491 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L24 ANSWER 10 OF 164 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:438587 CAPLUS
 DN 133:318178
 TI Transcription factors Ets1, NF-.kappa.B, and Sp1 are major determinants of the promoter activity of the human protein kinase CK2.alpha. gene
 AU Krehan, Andreas; Ansuini, Helena; Bocher, Oliver; Grein, Swen; Wirkner, Ute; Pyerin, Walter
 CS Biochemische Zellphysiologie (B0200), Deutsches Krebsforschungszentrum, Heidelberg, 69120, Germany
 SO J. Biol. Chem. (2000), 275(24), 18327-18336
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 66
 RE
 (1) Ahmed, K; Cell Mol Biol Res 1994, V40, P1 CAPLUS
 (2) Allende, J; FASEB J 1995, V9, P313 CAPLUS
 (3) Armstrong, S; J Biol Chem 1997, V272, P13489 CAPLUS
 (4) Biggs, J; Biol Chem 1996, V271, P801 CAPLUS
 (6) Bodenbach, L; Eur J Biochem 1994, V220, P263 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
- => d 20-30 so,ti
- L24 ANSWER 20 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO Biochem. J. (1999), 340(2), 397-404
 CODEN: BIJOAK; ISSN: 0264-6021
 TI Mechanism of ubiquitous expression of mouse uncoupling protein 2 mRNA: control by cis-acting DNA element in 5'-flanking region
- L24 ANSWER 21 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO J. Biol. Chem. (1999), 274(23), 16641-16645
 CODEN: JBCHA3; ISSN: 0021-9258
 TI The ubiquitin-proteasome pathway and serine kinase activity modulate adenomatous polyposis coli protein-mediated regulation of .beta.-catenin-lymphocyte enhancer-binding factor signaling
- L24 ANSWER 22 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO J. Biol. Chem. (1999), 274(20), 14315-14324
 CODEN: JBCHA3; ISSN: 0021-9258
 TI Signaling in human osteoblasts by extracellular nucleotides. Their weak induction of the c-fos proto-oncogene via Ca²⁺ mobilization is strongly potentiated by a parathyroid hormone/CAMP-dependent protein kinase pathway independently of mitogen-activated protein kinase
- L24 ANSWER 23 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO J. Biol. Chem. (1999), 274(13), 8355-8358
 CODEN: JBCHA3; ISSN: 0021-9258
 TI Mitogen-activated protein kinase/ERK kinase kinases 2 and 3 activate nuclear factor-.kappa.B through I.kappa.B kinase-.alpha. and I.kappa.B kinase-.beta.
- L24 ANSWER 24 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO Ann. N. Y. Acad. Sci. (1998), 865(VIP, PACAP, and Related Peptides), 10-26
 CODEN: ANYAA9; ISSN: 0077-8923
 TI Cis-regulatory elements controlling basal and inducible VIP gene transcription
- L24 ANSWER 25 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO Proc. Natl. Acad. Sci. U. S. A. (1999), 96(2), 429-434
 CODEN: PNASAB; ISSN: 0027-8424
 TI Involvement of regulatory and catalytic subunits of phosphoinositide 3-kinase in NF-.kappa.B activation
- L24 ANSWER 26 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 TI Identification and characterization of an I.kappa.B kinase
- L24 ANSWER 27 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO Plant Cell (1998), 10(12), 2063-2075
 CODEN: PLCEEW; ISSN: 1040-4651
 TI Cell cycle-dependent proteolysis in plants: identification of the destruction box pathway and metaphase arrest produced by the proteasome inhibitor MG132
- L24 ANSWER 28 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO PCT Int. Appl., 84 pp.
 CODEN: PIXXD2
 TI Purification of proteasomes using ubiquitin-like (Ubl) protein domains, and preparation and uses of Ubl-fusion proteins
- L24 ANSWER 29 OF 164 CAPLUS COPYRIGHT 2001 ACS
 SO Hippocampus (1998), 8(5), 444-457
 CODEN: HIPPET; ISSN: 1050-9631
 TI Gene-trapping to identify and analyze genes expressed in the mouse hippocampus

L24 ANSWER 30 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1998), 273(44), 29230-29240
CODEN: JBCHA3; ISSN: 0021-9258
TI Biglycan gene expression in the human leiomyosarcoma cell line SK-UT-1.
Basal and protein kinase A-induced transcription involves binding of Sp1-like/Sp3 proteins in the proximal promoter region

=> s (proteoly? or degrad? or destabil?) and reporter
L25 2282 (PROTEOLY? OR DEGRAD? OR DESTABIL?) AND REPORTER

=> s (proteoly? or degrad? or destabil?) and reporter)/ti
UNMATCHED RIGHT PARENTHESIS 'REPORTER)/TI'
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s ((proteoly? or degrad? or destabil?) and reporter)/ti
L26 29 ((PROTEOLY? OR DEGRAD? OR DESTABIL?) AND REPORTER)/TI

=> dup
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ENTER L# LIST OR (END):l26
PROCESSING COMPLETED FOR L26
L27 12 DUP REM L26 (17 DUPLICATES REMOVED)

=> d 1-12 ti

L27 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI A method of cloning genes for factors involved in proteolytic processing using a caspase reporter system and the regulation of apoptosis

L27 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI In vivo imaging of proteolytic enzyme activity using a novel molecular reporter

L27 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Kinetic analysis of a tod-lux bacterial reporter for toluene degradation and trichloroethylene cometabolism

L27 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Development of a transformation and gene reporter system for Group II, non-proteolytic Clostridium botulinum type B strains

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
TI Comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters

L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Generation of destabilized green fluorescent protein as a transcription reporter

L27 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
TI UGUS, a reporter for use with destabilizing N-termini

L27 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
TI Rare codons are not sufficient to destabilize a reporter gene transcript in tobacco

L27 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
TI Transgene-coded chimeric proteins as reporters of intracellular proteolysis: starvation-induced catabolism of a lacZ fusion protein in muscle cells of *Caenorhabditis elegans*

L27 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 9
TI The regulated degradation of a 3-hydroxy-3-methylglutaryl-coenzyme A reductase reporter construct occurs in the endoplasmic reticulum

L27 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 10
TI Use of a reporter transgene to generate *Arabidopsis* mutants in ubiquitin-dependent protein degradation

L27 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Bioluminescence as a reporter of gene activity: description of a promoter from NAH7, a naphthalene-degradation plasmid

=> d 9 so,ab

L27 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 8

SO J. Cell. Biochem. (1997), 67(1), 143-153
CODEN: JCEDB5; ISSN: 0730-2312

AB The product of an integrated transgene provides a convenient and cell-specific reporter of intracellular protein catabolism in 103 muscle cells of the nematode *Caenorhabditis elegans*. The transgene is an in-frame fusion of a 5'-region of the *C. elegans unc-54* (muscle heavy-chain) gene to the lacZ gene of *Escherichia coli*, encoding a 146-kDa fusion polypeptide that forms active β -galactosidase tetramers.

The

protein is stable in vivo in well-fed animals, but upon removal of the food source it is inactivated exponentially ($t_{1/2} = 17$ h) following an initial lag of 8 h. The same rate const. (but no lag) is obsd. in animals starved in the presence of cycloheximide, implying that inactivation is catalyzed by pre-existing proteases. Both the 146-kDa fusion polypeptide

($t_{1/2} = 13$ h) and a major 116-kDa intermediate ($t_{1/2} = 7$ h) undergo exponential phys. degrdn. after a lag of 8 h. Degradn. is thus paradoxically faster than inactivation, and a no. of characteristic immunoreactive degrdn. intermediates, some less than one-third the size of

the parent polypeptide, are found in affinity-purified (active) protein. Some of these intermediates are conjugated to ubiquitin. The authors infer that the initial proteolytic cleavages occur in the cytosol, possibly by a ubiquitin-mediated proteolytic pathway and do not necessarily inactivate the fusion protein tetramer.

=> d 5 so,ab

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 4

SO Methods Enzymol. (1999), 302(Green Fluorescent Protein), 32-38
CODEN: MENZAU; ISSN: 0076-6879

AB In this chapter, the authors describe the utility of green fluorescent protein as a reporter gene in the study of gene expression. They tested

the utility of enhanced GFP(EGFP) and destabilized EGFP as transcription reporters by fusing them with NF- κ B-binding sequence and thymidine kinase (TK) promoter, and comparing the difference in expression between EGFP and dEGFP. We demonstrate that both EGFP and dEGFP can be used as reporters in transcription studies. They also show that dEGFP is more sensitive in response to changes in tumor necrosis factor treatment owing to its faster turnover rate. (c) 1999 Academic Press.

=> d 5 all

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 4

AN 1999:324928 CAPLUS

DN 131:155472

TI Comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters

AU Zhao, Xiaoning; Duong, Tommy; Huang, Chiao-Chian; Kain, Steven R.; Li, Xianqiang

CS CLONTECH Laboratories, Inc., Palo Alto, CA, 94303-4230, USA

SO Methods Enzymol. (1999), 302(Green Fluorescent Protein), 32-38

CODEN: MENZAU; ISSN: 0076-6879

PB Academic Press

DT Journal

LA English

CC 9-16 (Biochemical Methods)

AB In this chapter, the authors describe the utility of green fluorescent protein as a reporter gene in the study of gene expression. They tested

the utility of enhanced GFP(EGFP) and destabilized EGFP as transcription reporters by fusing them with NF- κ B-binding sequence and thymidine kinase (TK) promoter, and comparing the difference in expression between EGFP and dEGFP. We demonstrate that both EGFP and dEGFP can be used as reporters in transcription studies. They also show that dEGFP is more sensitive in response to changes in tumor necrosis factor treatment owing to its faster turnover rate. (c) 1999 Academic Press.

ST enhanced green fluorescent protein transcription reporter

IT Transcription, genetic

(comparison of enhanced green fluorescent protein and its destabilized

form as transcription reporters)

IT Tumor necrosis factors

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters)

IT Gene (expression; comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters)

IT Proteins, specific or class RL: BSU (Biological study, unclassified); BIOL (Biological study) (green fluorescent; comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters)

RE.CNT 7

RE (1) Cohen, J; Annu Rev Immunol 1992, V10, P267 CAPLUS
(2) Duvall, E; Immunol Today 1986, V7, P115 CAPLUS
(3) Duvall, E; Immunology 1985, V56, P351 MEDLINE
(4) Koopman, G; Blood 1994, V84, P1415 CAPLUS
(5) Martin, S; Crit Rev Oncol/Hematol 1995, V18, P137 MEDLINE
(6) Martin, S; J Exp Med 1995, V192, P1545
(7) Nicholson, D; Nature Biotechnol 1996, V14, P297 CAPLUS

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(Y/N:y)

L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
SO J. Biol. Chem. (1998), 273(52), 34970-34975
CODEN: JBCHA3; ISSN: 0021-9258
AB The green fluorescent protein (GFP) is a widely used reporter in gene expression and protein localization studies. GFP is a stable protein; this property allows its accumulation and easy detection in cells. However, this stability also limits its application in studies that require rapid reporter turnover. We created a destabilized GFP for use in such studies by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase (MODC) to the C-terminal end of an enhanced variant of GFP (EGFP). The fusion protein, unlike EGFP, was unstable in the presence of cycloheximide and had a fluorescence half-life of 2 h. Western blot anal. indicated that the fluorescence decay of EGFP-MODC-(422-461) was correlated with degrdn. of the fusion protein. We mutated key amino acids in the PEST sequence of EGFP-MODC-(422-461) and identified several mutants with variable half-lives. The suitability of destabilized EGFP as a transcription reporter was tested by linking it to NF.kappa.B binding sequences and monitoring tumor necrosis factor .alpha.-mediated NF.kappa.B activation. We obtained time course induction and dose response kinetics similar to secreted alk. phosphatase obtained in transfected cells. This result did not occur when unmodified EGFP was used as the reporter. Because of its autofluorescence, destabilized EGFP can be used to directly correlate gene induction with biochem. change, such as NF.kappa.B translocation to the nucleus.

=> d 6 all
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(Y/N:y)

L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
AN 1999:25202 CAPLUS
DN 130:205647
T1 Generation of destabilized green fluorescent protein as a transcription reporter
AU Li, Xianqiang; Zhao, Xiaoning; Fang, Yu; Jiang, Xin; Duong, Tommy; Fan, Connie; Huang, Chiao-Chain; Kain, Steven R.
CS CLONTECH Laboratories, Inc., Palo Alto, CA, 94303, USA
SO J. Biol. Chem. (1998), 273(52), 34970-34975
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
CC 3-1 (Biochemical Genetics)
Section cross-reference(s): 6
AB The green fluorescent protein (GFP) is a widely used reporter in gene expression and protein localization studies. GFP is a stable protein; this property allows its accumulation and easy detection in cells. However, this stability also limits its application in studies that require rapid reporter turnover. We created a destabilized GFP for use in such studies by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase (MODC) to the C-terminal end of an enhanced variant of GFP (EGFP). The fusion protein, unlike EGFP, was unstable in the presence of cycloheximide and had a fluorescence half-life of 2 h. Western blot anal. indicated that the fluorescence decay of EGFP-MODC-(422-461) was correlated with degrdn. of the fusion protein. We mutated key amino acids in the PEST sequence of EGFP-MODC-(422-461) and identified several mutants with variable half-lives. The suitability of destabilized EGFP as a transcription reporter was tested by linking it to NF.kappa.B binding sequences and monitoring tumor necrosis factor .alpha.-mediated NF.kappa.B activation. We obtained time course induction and dose response kinetics similar to secreted alk. phosphatase obtained in transfected cells. This result did not occur when unmodified EGFP was used as the reporter. Because of its autofluorescence, destabilized EGFP can be used to directly correlate gene induction with biochem. change, such as NF.kappa.B translocation to the nucleus.
ST transcription reporter generation destabilized green fluorescent protein
IT Tumor necrosis factor .alpha.
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(CODEN: JBCHA3; ISSN: 0021-9258
(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)
IT NF-.kappa.B
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)
IT Genetic elements
RL: BPR (Biological process); BUU (Biological use, unclassified); BIOL (Biological study); PROC (Process); USES (Uses)
(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)
IT Protein motifs
(PEST sequence, mutagenesis of, identified several mutants with variable half-lives after; generation of destabilized green fluorescent protein as a transcription reporter)
IT Protein motifs
(destabilized GFP by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase to the C-terminal end of an enhanced variant of GFP; generation of destabilized green fluorescent protein as a transcription reporter)
IT Fusion proteins (chimeric proteins)
RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(destabilized GFP by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase to the C-terminal end of an enhanced variant of GFP; generation of destabilized green fluorescent protein as a transcription reporter)

IT Green fluorescent protein
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BUU (Biological study, unclassified); BIOL (Biological study); PROC (Process); USES (enhanced variant of; generation of destabilized green fluorescent protein as a transcription reporter)

IT Transcription (genetic)
(generation of destabilized green fluorescent protein as a transcription reporter)

IT 9024-60-6, Ornithine decarboxylase
RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(destabilized GFP by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase to the C-terminal end of an enhanced variant of GFP; generation of destabilized green fluorescent protein as a transcription reporter)

IT 66-81-9, Cycloheximide
RL: BAC (Biological activity or effector, except adverse); BIOL (Biological study)
(fusion protein, unlike EGFP, was unstable in the presence of cycloheximide; generation of destabilized green fluorescent protein as a transcription reporter)

RE.CNT 34

RE

- (1) Abrams, S; Circadian Rhythms Aren't All in the Head 1998, P24
- (2) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS
- (3) Bercovich, Z; J Biol Chem 1989, V264, P15949 CAPLUS
- (4) Chalfie, M; Photochem Photobiol 1995, V60, P651
- (5) Chalfie, M; Science 1994, V263, P802 CAPLUS
- (6) Cormack, B; Gene (Amst) 1996, V173, P33 CAPLUS
- (7) Cubitt, A; Trends Biochem Sci 1995, V20, P448 CAPLUS
- (8) Ghoda, L; J Biol Chem 1990, V265, P11823 CAPLUS
- (9) Ghoda, L; Science 1989, V243, P1493 CAPLUS
- (10) Goldberg, A; Nature 1992, V357, P375 CAPLUS
- (11) Gossen, M; Proc Natl Acad Sci U S A 1992, V89, P5547 CAPLUS
- (12) Gottesman, S; Microbiol Rev 1992, V56, P592 CAPLUS
- (13) Haas, J; Cur Biol 1996, V6, P315 CAPLUS
- (14) Heim, R; Proc Natl Acad Sci U S A 1994, V91, P12501 CAPLUS
- (15) Henkel, T; Nature 1993, V365, P182 CAPLUS
- (16) Herskoff, A; Annu Rev Biochem 1992, V61, P761 CAPLUS
- (17) Horton, R; Gene (Amst) 1989, V77, P61 CAPLUS
- (18) Inouge, S; FEBS Lett 1994, V351, P211
- (19) Li, X; Mol Cell Biol 1992, V12, P3556 CAPLUS
- (20) Li, X; Mol Cell Biol 1993, V13, P2377 CAPLUS
- (21) Marshall, J; Neuron 1995, V14, P211 CAPLUS
- (22) Murakami, Y; Nature 1992, V360, P597 CAPLUS
- (23) Ormo, M; Science 1996, V273, P1392 CAPLUS
- (24) Papavassiliou, A; Science 1992, V258, P1941 CAPLUS
- (25) Phillips, M; J Biol Chem 1987, V252, P8721 CAPLUS
- (26) Prasher, D; Gene (Amst) 1992, V111, P229 CAPLUS
- (27) Rechsteiner, M; J Biol Chem 1993, V268, P6065 CAPLUS
- (28) Rechsteiner, M; Semin Cell Biol 1990, V1, P433 MEDLINE
- (29) Rogers, S; Science 1986, V234, P364 CAPLUS
- (30) Rosenberg-Hasson, Y; Eur J Biochem 1989, V185, P469 CAPLUS
- (31) Scheffner, M; Cell 1990, V63, P1129 CAPLUS
- (32) Verma, I; Genes Dev 1995, V9, P2723 CAPLUS
- (33) Yang, F; Nature Biotechnol 1996, V14, P1246 CAPLUS
- (34) Yang, T; Nucleic Acids Res 1996, V24, P4592 CAPLUS

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- NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
- NEWS 3 Feb 06 Engineering Information Encompass files have new names
- NEWS 4 Feb 16 TOXLINE no longer being updated
- NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
- NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
- NEWS 7 May 07 DGENE Reload
- NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL

NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's DWPI and DPCI

NEWS 10 Aug 23 In-process records and more frequent updates now in MEDLINE

NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA

NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0 (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001

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FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001

=> fil caplus, medline, embase	COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST			0.30	0.30

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FILE 'EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001
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=> s mutant and ubiquitin?/ti
L1 1071 MUTANT AND UBIQUITIN?/TI

=> s mutant and ubiquitin? and 76/ti
L2 0 MUTANT AND UBIQUITIN? AND 76/TI

=> s mutant and ubiquitin? and cleav?/ti
L3 7 MUTANT AND UBIQUITIN? AND CLEAV?/TI

=> d 1-7 ti

L3 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI The cyclin-dependent kinase inhibitor p27(Kip1) induces N-terminal proteolytic cleavage of cyclin A

L3 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI Diagnosis of genetic disease arising from frameshift mutation by RT-PCR
and hybridization or antibody assay, and treatment with hammerhead ribozyme cleavage of defective mRNA

L3 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI Protein expression using cotranslational fusion and cleavage of ubiquitin. Mutagenesis of the glutathione-binding site of human Pi class glutathione S-transferase

L3 ANSWER 4 OF 7 MEDLINE
TI The cyclin-dependent kinase inhibitor p27(Kip1) induces N-terminal proteolytic cleavage of cyclin A.

L3 ANSWER 5 OF 7 MEDLINE
TI Protein expression using cotranslational fusion and cleavage of ubiquitin. Mutagenesis of the glutathione-binding site of human Pi class glutathione S-transferase.

L3 ANSWER 6 OF 7 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI The cyclin-dependent kinase inhibitor p27(Kip1) induces N-terminal proteolytic cleavage of cyclin A.

L3 ANSWER 7 OF 7 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Protein expression using cotranslational fusion and cleavage of ubiquitin. Mutagenesis of the glutathione-binding site of human Pi

class glutathione S-transferase.

=> s muta? and ubiquitin? and cleav?
L4 238 MUTA? AND UBIQUITIN? AND CLEAV?

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?)rem
ENTER L# LIST OR (END):14
PROCESSING COMPLETED FOR L4
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)

=> d 1-10 ti

L5 ANSWER 1 OF 102 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L5 ANSWER 2 OF 102 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with broad spectral resolution between donor and acceptor emission wavelengths and its use

L5 ANSWER 3 OF 102 MEDLINE
TI Promotion of NEDD-CUL1 conjugate cleavage by COP9 signalosome.

L5 ANSWER 4 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI COOH-terminal truncations promote proteasome-dependent degradation of mature cystic fibrosis transmembrane conductance regulator from post-golgi compartments

L5 ANSWER 5 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Presenilin 1 negatively regulates .beta.-catenin/T cell factor/lymphoid enhancer factor-1 signaling independently of .beta.-amyloid precursor protein and Notch processing

L5 ANSWER 6 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Inhibition of proteasome function induced apoptosis in gastric cancer

L5 ANSWER 7 OF 102 MEDLINE DUPLICATE 4
TI Phosphorylation of the cohesin subunit Scc1 by Polo/Cdc5 kinase regulates sister chromatid separation in yeast.

L5 ANSWER 8 OF 102 MEDLINE
TI Late mitotic failure in mice lacking Sak, a polo-like kinase.

L5 ANSWER 9 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Biosynthesis of surfactant protein C: characterization of aggresome formation by EGFP chimeras containing propeptide mutants lacking conserved cysteine residues

L5 ANSWER 10 OF 102 CAPLUS COPYRIGHT 2001 ACS
TI Sequence and analysis of chromosome I of the amitochondrial intracellular parasite Encephalitozoon cuniculi (Microspora)

=> d 1

L5 ANSWER 1 OF 102 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2001057242 A2 20010809 WO 2001-US103791
20010202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU,

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

=> s muta? ubiquitin? and cleav?
L6 9 MUTA? UBIQUITIN? AND CLEAV?

=> I 1-9 ti
L IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (>).

=> d 1-9 ti

L6 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI A ubiquitin-based tagging system for controlled modulation of protein stability

L6 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes

L6 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Structural and functional analysis of N-terminal point mutants of the human estrogen receptor

L6 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Multiple (.alpha.-NH-ubiquitin)protein endoproteases in cells

L6 ANSWER 6 OF 9 MEDLINE
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes.

L6 ANSWER 7 OF 9 MEDLINE
TI Multiple (.alpha.-NH-ubiquitin)protein endoproteases in cells.

L6 ANSWER 8 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes.

L6 ANSWER 9 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Multiple (.alpha.-NH-ubiquitin) protein endoproteases in cells.

=> d 2

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2001 ACS
AN 2000:887483 CAPLUS
DN 134:128067
TI A ubiquitin-based tagging system for controlled modulation of protein stability
AU Stack, Jeffrey H.; Whitney, Michael; Rodems, Steven M.; Pollok, Brian A.
CS Aurora Biosciences Corp., San Diego, CA, 92121, USA
SO Nat. Biotechnol. (2000), 18(12), 1298-1302
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Bachmair, A; Cell 1989, V56, P1019 CAPLUS
(2) Bachmair, A; Science 1986, V234, P179 CAPLUS
(3) Butt, T; J Biol Chem 1988, V263, P16364 CAPLUS
(5) Corish, P; Protein Eng 1999, V12, P1035 CAPLUS
(6) Dantuma, N; Nat Biotechnol 2000, V18, P538 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)
FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001
L1 1071 S MUTANT AND UBIQUITIN?/TI
L2 0 S MUTANT AND UBIQUITIN? AND 76/TI
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/TI

L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)
L6 9 S MUTA? UBIQUITIN? AND CLEAV?

=> s non-cleavable ubiquitin?
L7 0 NON-CLEAVABLE UBIQUITIN?

=> s non-cleavable and ubiquitin?
L8 5 NON-CLEAVABLE AND UBIQUITIN?

=> d 1-5

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Slack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001057242 A2 20010809 WO 2001-US103791
20010202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
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YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 1999:19266 CAPLUS
DN 130:165992
TI The cyclin-dependent kinase inhibitor p27kip1 induces N-terminal proteolytic cleavage of cyclin A
AU Bastians, Holger; Townsley, Fiona M.; Ruderman, Joan V.
CS Department of Cell Biology, Harvard Medical School, Boston, MA, 02115, USA
SO Proc. Natl. Acad. Sci. U. S. A. (1998), 95(26), 15374-15381
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 73
RE
(1) Amon, A; Cell 1994, V77, P1037 CAPLUS
(2) Arvand, A; Oncogene 1998, V17, P2039 CAPLUS
(3) Brandeis, M; EMBO J 1996, V15, P5280 CAPLUS
(5) Coats, S; Science 1996, V272, P877 CAPLUS
(6) Cordon-Cardo, C; J Natl Cancer Inst 1998, V90, P1284 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 1994:48655 CAPLUS
DN 120:48655
TI Different ratios in 20 S proteasomes and regulatory subunit complexes in
two isoforms of the 26 S proteasome purified from rabbit skeletal muscle
AU Sawada, Hitoshi; Muto, Kazuko; Fujimuro, Masahiro; Akaishi, Takahiro;
Sawada, Michiko Takegi; Yokosawa, Hideyoshi; Goldberg, Alfred L.
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences, Hokkaido
University, Kita-ku, Sapporo, 060, Japan
SO FEBS Lett. (1993), 335(2), 207-12
CODEN: FEBLAL; ISSN: 0014-5793
DT Journal
LA English

L8 ANSWER 4 OF 5 MEDLINE
AN 94074687 MEDLINE
DN 94074687 PubMed ID: 8253198
TI Different ratios in 20 S proteasomes and regulatory subunit complexes in
two isoforms of the 26 S proteasome purified from rabbit skeletal muscle.

AU Sawada H; Muto K; Fujimuro M; Akaishi T; Sawada M T; Yokosawa H; Goldberg A.L
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences, Hokkaido University, Sapporo, Japan.
SO FEBS LETTERS, (1993 Dec 6) 335 (2) 207-12.
Journal code: EUH; 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199401
ED Entered STN: 19940203
Last Updated on STN: 20000303
Entered Medline: 19940107

L8 ANSWER 5 OF 5 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
AN 93350423 EMBASE
DN 1993350423
TI Different ratios in 20 S proteasomes and regulatory subunit complexes in
two isoforms of the 26 S proteasome purified from rabbit skeletal muscle.
AU Sawada H; Muto K; Fujimuro M; Akaishi T; Takagi Sawada M.; Yokosawa H; Goldberg A.L.
CS Department of Biochemistry, Faculty of Pharmaceutical sciences, Hokkaido University, Kita-ku, Sapporo 060, Japan
SO FEBS Letters, (1993) 335/2 (207-212).
ISSN: 0014-5793 CODEN: FEBLAL
CY Netherlands
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

=> s cleav? and ubiquitin?
L9 852 CLEAV? AND UBIQUITIN?

=> d 1-7 i

L9 ANSWER 1 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Ubiquitin/26S proteasome-mediated degradation of topoisomerase I as a resistance mechanism to camptothecin in tumor cells

L9 ANSWER 2 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L9 ANSWER 3 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Molecular switches II system comprising ligand-regulated DNA binding molecule and targeted DNA binding site and its use in screening for desired binding elements and gene regulation

L9 ANSWER 4 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Inhibition of proteasome function induced apoptosis in gastric cancer

L9 ANSWER 5 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Apoptotic versus autophagic cell death in heart failure

L9 ANSWER 6 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Analysis of ubiquitination in vivo using a transgenic mouse model

L9 ANSWER 7 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with broad spectral resolution between donor and acceptor emission wavelengths and its use

=> d 7-15 ti

L9 ANSWER 7 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with broad spectral resolution between donor and acceptor emission wavelengths and its use

L9 ANSWER 8 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Divergent N-terminal sequences of a deubiquitinating enzyme modulate substrate specificity

L9 ANSWER 9 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Yersinia enterocolitica YopP-induced apoptosis of macrophages involves the

apoptotic signaling cascade upstream of Bid

L9 ANSWER 10 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI The apoptogenic response of human myeloid leukaemia cell lines and of normal and malignant haematopoietic progenitor cells to the proteasome inhibitor PSI

L9 ANSWER 11 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI The levels of MDM2 protein are decreased by a proteasome-mediated proteolysis prior to caspase-3-dependent pRb and PARP cleavages

L9 ANSWER 12 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI COOH-terminal truncations promote proteasome-dependent degradation of mature cystic fibrosis transmembrane conductance regulator from post-golgi compartments

L9 ANSWER 13 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Membrane-bound transcription factors: regulated release by RIP or RUP

L9 ANSWER 14 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Charge-state-dependent sequence analysis of protonated ubiquitin ions via ion trap tandem mass spectrometry

L9 ANSWER 15 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Promotion of NEDD8-CUL1 conjugate cleavage by COP9 signalosome

=> s cleav? and ubiquitin?/ti
L10 362 CLEAV? AND UBIQUITIN?/ti

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?)rem
ENTER L# LIST OR (END):10
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L11 146 DUP REM L10 (216 DUPLICATES REMOVED)

=> d 1-10 ti

L11 ANSWER 1 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L11 ANSWER 2 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI Ubiquitin/26S proteasome-mediated degradation of topoisomerase I as a resistance mechanism to camptothecin in tumor cells

L11 ANSWER 3 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Charge-state-dependent sequence analysis of protonated ubiquitin ions via ion trap tandem mass spectrometry

L11 ANSWER 4 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Ubiquitin-based sperm assay for the diagnosis of male factor infertility

L11 ANSWER 5 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
TI Analysis of ubiquitination in vivo using a transgenic mouse model

L11 ANSWER 6 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Enhanced protein production in higher plants by N-terminal fusion of a ubiquitin or a cucumber mosaic virus coat protein peptide

L11 ANSWER 7 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Ubiquitin fusion protein expression system

L11 ANSWER 8 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI USP1, a novel gene encoding a human ubiquitin-specific protease

L11 ANSWER 9 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Activation of atypical protein kinase C .zeta. by caspase processing and degradation by the ubiquitin-proteasome system

L11 ANSWER 10 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
TI Ubiquitin-mediated degradation of the proapoptotic active form of Bid. A functional consequence on apoptosis induction

L11 ANSWER 7 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2000:362597 CAPLUS
DN 133:13404
TI Ubiquitin fusion protein expression system
IN Barr, Philip J.
PA Chiron Corporation, USA
SO U.S., 15 pp., Cont. of U.S. Ser. No. 957,627, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6068994	A	20000530	US 1995-428278	19950425
PRAI US 1989-390599	B1	19890807		
US 1991-806813	B1	19911206		
US 1992-957627	B1	19921006		
RE.CNT 28				
RE				
(1) Anon; WO 8802406 1988 CAPLUS				
(2) Bachmair; US 5093242 1992 CAPLUS				
(3) Bachmair; US 5132213 1992 CAPLUS				
(4) Bachmair; Cell 1989, V56, P1019 CAPLUS				
(5) Bachmair; Science 1986, V234, P179 CAPLUS				
ALL CITATIONS AVAILABLE IN THE RE FORMAT				
=> FIL STNGUIDE				
COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL	
FULL ESTIMATED COST			67.06	67.36
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FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001				
L1 1071 S MUTANT AND UBIQUITIN?/ti				
L2 0 S MUTANT AND UBIQUITIN? AND 76/TI				
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/ti				
L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?				
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)				
L6 9 S MUTA? UBIQUITIN? AND CLEAV?				
L7 0 S NON-CLEAVABLE UBIQUITIN?				
L8 5 S NON-CLEAVABLE AND UBIQUITIN?				
L9 852 S CLEAV? AND UBIQUITIN?				
L10 362 S CLEAV? AND UBIQUITIN?/ti				
L11 146 DUP REM L10 (216 DUPLICATES REMOVED)				
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=> d i11 11-20 ti				
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -				
CONTINUE? (Y/N:y)				
L11 ANSWER 11 OF 146 CAPLUS COPYRIGHT 2001 ACS				
DUPLICATE 7				
TI A ubiquitin-based tagging system for controlled modulation of protein stability				
L11 ANSWER 12 OF 146 CAPLUS COPYRIGHT 2001 ACS				
DUPLICATE 8				
TI Short-lived green fluorescent proteins for quantifying ubiquitin /proteasome-dependent proteolysis in living cells				
L11 ANSWER 13 OF 146 CAPLUS COPYRIGHT 2001 ACS				
DUPLICATE 9				
TI Tissue-specificity, functional characterization and subcellular localization of a rat ubiquitin-specific processing protease, UBP109, whose mRNA expression is developmentally regulated				
L11 ANSWER 14 OF 146 CAPLUS COPYRIGHT 2001 ACS				
DUPLICATE 10				
TI Characterization of the ubiquitin-specific protease activity of the mouse/human Usp/Uph oncoprotein				
L11 ANSWER 15 OF 146 CAPLUS COPYRIGHT 2001 ACS				
DUPLICATE 11				
TI Ubiquitin-Specific Proteases from Arabidopsis thaliana: Cloning				

=> d 7

of AlUBP5 and Analysis of Substrate Specificity of AlUBP3, AlUBP4, and
AlUBP5 Using Escherichia coli in Vivo and in Vitro Assays

L11 ANSWER 16 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 12
TI Narrowing of the region of allelic loss in 21q11-21 in squamous non-
small
cell lung carcinoma and cloning of a novel ubiquitin-specific
protease gene from the deleted segment

L11 ANSWER 17 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 13
TI Ubiquitin-dependent protein processing controls
radiation-induced apoptosis through the N-end rule pathway

L11 ANSWER 18 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 14
TI Cloning and characterization of a novel human ubiquitin-specific
protease, a homologue of murine UBP43 (Usp18)

L11 ANSWER 19 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 15
TI Isolation and characterization of KIUBP2, a ubiquitin hydrolase
gene of Kluyveromyces lactis that can suppress a ts-mutation in CBF2,
a
gene encoding a centromeric protein of *Saccharomyces cerevisiae*

L11 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 16
TI A new 30-kDa ubiquitin-related SUMO-1 hydrolase from bovine
brain

=> d I11 12
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 12 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
AN 2000:346028 CAPLUS
DN 133:147232
TI Short-lived green fluorescent proteins for quantifying ubiquitin
/proteasome-dependent proteolysis in living cells
AU Dantuma, Nico P.; Lindsten, Kristina; Glas, Rickard; Jelline,
Marianne;
Masucci, Maria G.
CS Microbiology and Tumor Biology Center, Karolinska Institutet,
Stockholm,
S-171 77, Swed.
SO Nat. Biotechnol. (2000), 18(5), 538-545
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE CNT 31
RE
(1) Adams, J; Cancer Res 1999, V59, P2615 CAPLUS
(2) Andre, P; Proc Natl Acad Sci USA 1998, V95, P13120 CAPLUS
(3) Bachmair, A; Science 1986, V234, P179 CAPLUS
(4) Bochler, M; Annu Rev Biophys Biomol Struct 1999, V28, P295
CAPLUS
(5) Bogyo, M; Biopolymers 1997, V43, P269 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04
SEP 2001

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L2 0 S MUTANT AND UBIQUITIN? AND 76/TI
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/TI
L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)
L6 9 S MUTA? UBIQUITIN? AND CLEAV?
L7 0 S NON-CLEAVABLE UBIQUITIN?
L8 5 S NON-CLEAVABLE AND UBIQUITIN?
L9 852 S CLEAV? AND UBIQUITIN?/TI
L10 362 S CLEAV? AND UBIQUITIN?/TI
L11 146 DUP REM L10 (216 DUPLICATES REMOVED)

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FILE 'STNGUIDE' ENTERED AT 15:07:56 ON 04 SEP 2001

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FILE 'STNGUIDE' ENTERED AT 15:08:56 ON 04 SEP 2001

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CONTINUE? (Y)/N:n

=> d I11 20-29 ü
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 16
TI A new 30-kDa ubiquitin-related SUMO-1 hydrolase from bovine
brain

L11 ANSWER 21 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 17
TI Characterization and chromosomal localization of USP3, a novel
human
ubiquitin-specific protease

L11 ANSWER 22 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 18
TI Precursor processing of Pro-ISG15/UCRP, an interferon- β -
induced
ubiquitin-like protein

L11 ANSWER 23 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 19
TI Biochemical analysis of the receptor for ubiquitin-like
polypeptide

L11 ANSWER 24 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 20
TI Transient nuclear factor .kappa.B (NF-.kappa.B) activation stimulated
by
interleukin-1. β . may be partly dependent on proteasome activity, but
not phosphorylation and ubiquitination of the I.kappa.B.alpha.
molecule, in C6 glioma cells. Regulation of NF-.kappa.B linked to
chemokine production

L11 ANSWER 25 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 21
TI The Ubp6 family of deubiquitinating enzymes contains a ubiquitin
-like domain: SUb

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 22
TI Use of ubiquitin fusions to augment protein expression in
transgenic plants

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 23
TI Electrophoretic separation of ubiquitin and single amino acid
residue ubiquitin extensions using a commercial modified
acrylamide gel electrophoresis system. An assay to determine catalytic
capacities of deubiquitinating enzymes

L11 ANSWER 28 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 24
TI Production of Chemokines CTAPIII and NAP2 by Digestion of
Recombinant
Ubiquitin-CTAPIII with Yeast Ubiquitin C-Terminal
Hydrolase and Human Immunodeficiency Virus Protease

L11 ANSWER 29 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 25
TI Genetic analysis of the role of the Drosophila fat facets gene in the
ubiquitin pathway

=> d I11 26, 27
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 22
AN 1999:150720 CAPLUS
DN 130:321380
TI Use of ubiquitin fusions to augment protein expression in
transgenic plants
AU Hondred, David; Walker, Joseph M.; Mathews, Dennis E.; Viersstra,
Richard
D.
CS Cellular and Molecular Biology Program and the Department of
Horticulture,
University of Wisconsin, Madison, WI, 53706, USA

SO Plant Physiol. (1999), 119(2), 713-723
 CODEN: PLPHAY; ISSN: 0032-0889
 PB American Society of Plant Physiologists
 DT Journal
 LA English
 RE.CNT 53
 RE
 (1) Baker, R; Curr Opin Biotechnol 1996, V7, P541 CAPLUS
 (2) Barton, K; Plant Physiol 1987, V85, P1103 CAPLUS
 (3) Bevan, M; Nucleic Acid Res 1983, V11, P369 CAPLUS
 (4) Bevan, M; Nucleic Acids Res 1984, V12, P8711 CAPLUS
 (6) Briggs, M; Proc Natl Acad Sci USA 1992, V89, P2017 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 23
 AN 1999:261059 CAPLUS
 DN 130:278379
 TI Electrophoretic separation of ubiquitin and single amino acid residue ubiquitin extensions using a commercial modified acrylamide gel electrophoresis system. An assay to determine catalytic capacities of deubiquitinating enzymes
 AU Leyfield, Robert; Hayers, Chris; Wang, Pu; Urquhart, Kirstie; Ramage, Robert; Mayer, R. John; Landon, Michael
 CS Laboratory Intracellular Proteolysis, Molecular Cellular Biology Research Section, School Biomedical Sciences, Medical School, Queen's Medical Center, University Nottingham, Nottingham, NG7 2UH, UK
 SO Electrophoresis (1999), 20(3), 480-482
 CODEN: ELCTDN; ISSN: 0173-0835
 PB Wiley-VCH Verlag GmbH
 DT Journal
 LA English
 RE.CNT 4
 RE
 (1) Franklin, K; Anal Biochem 1997, V247, P305 CAPLUS
 (2) Hochstrasser, M; Annu Rev Genetics 1996, V30, P405 CAPLUS
 (3) Schagger, H; Anal Biochem 1987, V166, P368 MEDLINE
 (4) Wilkinson, K; FASEB J 1997, V11, P1245 CAPLUS

=> d I11 26,27 abs
 YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
 CONTINUE? (Y/N:y)

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 22
 AB A major goal of plant biotechnol. is the prodn. of genetically engineered crops that express natural or foreign proteins at high levels. To enhance protein accumulation in transgenic plants, we developed a set of vectors that express proteins and peptides as C-terminal translational fusions with ubiquitin (UBQ). Studies of several proteins in tobacco (*Nicotiana tabacum*) showed that: (a) proteins can be readily expressed in plants as UBQ fusions; (b) by the action of endogenous UBQ-specific proteases (Ubps), these fusions are rapidly and precisely processed *in vivo* to release the fused protein moieties in free forms; (c) the synthesis of a protein as a UBQ fusion can significantly augment its accumulation; (d) proper processing and localization of a protein targeted to either the apoplast or the chloroplast is not affected by the N-terminal UBQ sequence; and (e) single amino acid substitutions surrounding the cleavage site can inhibit *in vivo* processing of the fusion by Ubps. Noncleavable UBQ fusions of β -glucuronidase became extensively modified, with addnl. UBQs in planta. Because multiubiquitinated proteins are the preferred substrates of the 26S proteasome, noncleavable fusions may be useful for decreasing protein half-life. Based on their ability to augment protein accumulation and the sequence specificity of Ubps, UBQ fusions offer a versatile way to express plant proteins.

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 23
 AB A no. of ubiquitin extension proteins with carboxyl-terminal single amino acid residue extensions were synthesized as substrates to assess the catalytic capacities of deubiquitinating enzymes (DUBs). Here, a modified acrylamide gel electrophoresis system is described which allows sepn. of peptide- or isopeptide-linked ubiquitin-lysine from ubiquitin (77 and 76 residue proteins resp.) in only 2 h. Western blotting, using antibodies against ubiquitin, allows both substrate (i.e. ubiquitin-lysine) and product (i.e. ubiquitin) of DUB-catalyzed cleavage reactions to

be detected. Catalytic capacities of DUBs may be indicative of *in vivo* functions of these proteases.

=> d I11 30-39 ti
 YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
 CONTINUE? (Y/N:y)

L11 ANSWER 30 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 26
 TI Identification, Functional Characterization, and Chromosomal Localization of USP15, a Novel Human Ubiquitin-Specific Protease Related to the UNP Oncoprotein, and a Systematic Nomenclature for Human Ubiquitin-Specific Proteases

L11 ANSWER 31 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 27
 TI Production of "Authentic" Poliovirus RNA-Dependent RNA Polymerase (3Dpol)
 by Ubiquitin-Protease-Mediated Cleavage in Escherichia coli

L11 ANSWER 32 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 28
 TI Inhibition of ubiquitin-proteasome pathway activates a caspase-3-like protease and induces Bcl-2 cleavage in human M-07e leukaemic cells

L11 ANSWER 33 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 29
 TI Chemically Synthesized Ubiquitin Extension Proteins Detect Distinct Catalytic Capacities of Deubiquitinating Enzymes

L11 ANSWER 34 OF 146 CAPLUS COPYRIGHT 2001 ACS
 TI Ubiquitin fusion protein system for protein production in plants

L11 ANSWER 35 OF 146 CAPLUS COPYRIGHT 2001 ACS
 TI Preparation of recombinant ubiquitin cross-reactive protein (UCRP) with improved bioactivity

L11 ANSWER 36 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 30
 TI Caspase-mediated cleavage of the ubiquitin-protein ligase Nedd4 during apoptosis

L11 ANSWER 37 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 31
 TI Ubiquitination is required for the retro-translocation of a short-lived luminal endoplasmic reticulum glycoprotein to the cytosol for degradation by the proteasome

L11 ANSWER 38 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 32
 TI Ribosomal S27a coding sequences upstream of ubiquitin coding sequences in the genome of a pestivirus

L11 ANSWER 39 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 33
 TI Defects in the ubiquitin pathway induce caspase-independent apoptosis blocked by Bcl-2

=> d I11 40-49 ti
 YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
 CONTINUE? (Y/N:y)

L11 ANSWER 40 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 34
 TI A genetic system based on split-ubiquitin for the analysis of interactions between membrane proteins *in vivo*

L11 ANSWER 41 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 35
 TI Substrate specificity of deubiquitinating enzymes: Ubiquitin C-terminal hydrolases

L11 ANSWER 42 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 36
 TI UBPY: a growth-regulated human ubiquitin isopeptidase

L11 ANSWER 43 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 37
 TI Kinetic and Mechanistic Studies on the Hydrolysis of Ubiquitin C-Terminal 7-Amino-4-Methylcoumarin by Deubiquitinating Enzymes

L11 ANSWER 44 OF 146 MEDLINE
 TI Characterization of mouse ubiquitin-like SMT3A and SMT3B cDNAs and gene/pseudogenes.

L11 ANSWER 45 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 38
TI A novel family of ubiquitin-specific proteases in chick skeletal muscle with distinct N- and C-terminal extensions

L11 ANSWER 46 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 39
TI Sodium butyrate induces apoptosis and accumulation of ubiquitinated proteins in human breast carcinoma cells

L11 ANSWER 47 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 40
TI Identification and chromosomal assignment of USP1, a novel gene encoding a human ubiquitin-specific protease

L11 ANSWER 48 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 41
TI TCR-alpha chain-like molecule is involved in the mechanism of antigen-non-specific suppression of a ubiquitin-like protein

L11 ANSWER 49 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 42
TI A new general method for the biosynthesis of stable isotope-enriched peptides using a decahistidine-tagged ubiquitin fusion system: an application to the production of mastoparan-X uniformly enriched with 15N and 15N/13C

=> d l11 50-59 ti
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 50 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI High-level expression and efficient recovery of ubiquitin fusion proteins from Escherichia coli

L11 ANSWER 51 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Peptide synthesis as fusion product with ubiquitin and ubiquitin carboxyl-terminal extension peptide expression in plasmid-transformed prokaryote host

L11 ANSWER 52 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 43
TI A ubiquitin-specific protease that efficiently cleaves the ubiquitin-proline bond

L11 ANSWER 53 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 44
TI Characterization of NEDD8, a developmentally down-regulated ubiquitin-like protein

L11 ANSWER 54 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 45
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes

L11 ANSWER 55 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 46
TI Molecular cloning of a novel ubiquitin-specific protease, UBP41, with isopeptidase activity in chick skeletal muscle

L11 ANSWER 56 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 47
TI Ubiquitin-dependent destruction of topoisomerase I is stimulated by the antitumor drug camptothecin

L11 ANSWER 57 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 48
TI Preferential modification of nuclear proteins by a novel ubiquitin-like molecule

L11 ANSWER 58 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 49
TI The ubiquitin-like protein Smt3p is activated for conjugation to other proteins by an Aos1p/Uba2p heterodimer

L11 ANSWER 59 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 50
TI Apoptosis of Ewing's sarcoma cells is accompanied by accumulation of ubiquitinated proteins

=> s noncleav? and ubiquitin?/ti
TI IS NOT A VALID FIELD CODE
0 NONCLEAV?
0 UBIQUITIN?/TI
L12 0 NONCLEAV? AND UBIQUITIN?/TI

=> f caplus, medline, embase
15 CAPLUS
13 MEDLINE
3 EMBASE
L13 0 CAPLUS, MEDLINE, EMBASE
(CAPLUS(W)MEDLINE(W)EMBASE)

=> fil caplus, medline, embase		COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST				0.00	91.01
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		SINCE FILE TOTAL	ENTRY SESSION		
CA SUBSCRIBER PRICE				0.00	-1.18

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FILE 'EMBASE' ENTERED AT 15:21:34 ON 04 SEP 2001
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=> s noncleav? and ubiquitin?/ti
L14 3 NONCLEAV? AND UBIQUI?/TI

=> d l14

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,	CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,	HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,	SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,	YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CY,	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	PRAI US 2000-498098	A2	20000204

=> d 2

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS
AN 1999:150720 CAPLUS
DN 130:321380
TI Use of ubiquitin fusions to augment protein expression in transgenic plants
AU Hondred, David; Walker, Joseph M.; Mathews, Dennis E.; Vierstra, Richard D.
CS Cellular and Molecular Biology Program and the Department of Horticulture,
University of Wisconsin, Madison, WI, 53706, USA
SO Plant Physiol. (1999), 119(2), 713-723
CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English
RE.CNT 53
RE
(1) Baker, R; Curr Opin Biotechnol 1996, V7, P541 CAPLUS
(2) Barton, K; Plant Physiol 1987, V85, P1103 CAPLUS
(3) Bevan, M; Nucleic Acid Res 1993, V11, P369 CAPLUS
(4) Bevan, M; Nucleic Acids Res 1984, V12, P8711 CAPLUS
(6) Briggs, M; Proc Natl Acad Sci USA 1992, V89, P2017 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 3

L14 ANSWER 3 OF 3 MEDLINE
AN 1999137925 MEDLINE
DN 99137925 PubMed ID: 9952468
TI Use of ubiquitin fusions to augment protein expression in transgenic plants.
AU Hundred D; Walker J M; Mathews D E; Vierstra R D
CS Cellular and Molecular Biology Program and the Department of Horticulture,
University of Wisconsin, Madison, Wisconsin 53706, USA.
SO PLANT PHYSIOLOGY, (1999 Feb) 119 (2) 713-24.
Journal code: P98; 0401224. ISSN: 0032-0889.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199904
ED Entered STN: 19990426
Last Updated on STN: 19990426
Entered Medline: 19990415
>> s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?) and domain?)/ti
L1 39 ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DEGRA D?) AND DOMAIN?)/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):1
PROCESSING COMPLETED FOR L1
L2 10 DUP REM L1 (29 DUPLICATES REMOVED)

=> d 1-10 ti, so

L2 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI Multiple lysine mutations in the C-terminal domain of p53 interfere with MDM2-dependent protein degradation and ubiquitination
SO Mol. Cell. Biol. (2000), 20(24), 9391-9398
CODEN: MCEBD4; ISSN: 0270-7306

L2 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Multiubiquitin chain binding and protein degradation are mediated by distinct domains within the 26 S proteasome subunit Mcb1
SO J. Biol. Chem. (1998), 273(4), 1970-1981
CODEN: JBCHA3; ISSN: 0021-9258

L2 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Proteolytic mapping of human replication protein A: evidence for multiple structural domains and a conformational change upon interaction with single-stranded DNA
SO Biochemistry (1996), 35(17), 5586-95
CODEN: BICAW; ISSN: 0006-2960

L2 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
TI Multiple structural domains within I.kappa.B.alpha. are required for its inducible degradation by both cytokines and phosphatase inhibitors
SO Biochem. Biophys. Res. Commun. (1996), 223(1), 123-128
CODEN: BBRCA9; ISSN: 0006-291X

L2 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Domain structure and multiplicity of raw-starch-digesting amylase from Bacillus circulans: extensive proteolysis with proteinase K, endopeptidase Glu-C and thermolysin
SO Biochim. Biophys. Acta (1993), 1202(2), 200-6
CODEN: BBACAO; ISSN: 0006-3002

L2 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
TI The structural organization of the hamster multifunctional protein CAD. Controlled proteolysis, domains, and linkers
SO J. Biol. Chem. (1992), 267(10), 7177-84
CODEN: JBCHA3; ISSN: 0021-9258

L2 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
TI Interactions of the A1 heterogeneous nuclear ribonucleoprotein and its proteolytic derivative, UP1, with RNA and DNA: Evidence for multiple RNA binding domains and salt-dependent binding mode transitions
SO Biochemistry (1991), 30(11), 2968-76

CODEN: BICAW; ISSN: 0006-2960

L2 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 8
TI Nucleotide ligands protect the inter-domain regions of the multifunctional polypeptide CAD against limited proteolysis, and also stabilize the thermolabile part-reactions of the carbamoyl-phosphate synthase II domains within the CAD polypeptide
SO Biochem. J. (1986), 236(2), 327-35
CODEN: BIJOAK; ISSN: 0306-3275

L2 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 9
TI Organization of a multifunctional protein in pyrimidine biosynthesis. A domain hypersensitive to proteolysis
SO Biochem. J. (1984), 217(2), 435-40
CODEN: BIJOAK; ISSN: 0306-3275

L2 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 10
TI Controlled proteolysis of the multifunctional protein that initiates pyrimidine biosynthesis in mammalian cells: Evidence for discrete structural domains
SO Proc. Natl. Acad. Sci. U. S. A. (1981), 78(11), 6647-51
CODEN: PNASAB; ISSN: 0027-8424

=> s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?)/ti
UNMATCHED LEFT PARENTHESIS '(DUAL'
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?)/ti
L3 1690 ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DEGRA D?)/TI

=> s ((dual or tandem or multi?) and (ubiquit? or PEST or N-end or destruc? or degrad?)/ti
L4 1936 ((DUAL OR TANDEM OR MULTI?) AND (UBIQUIT? OR PEST OR N-END OR DESTRUCT? OR DEGRAD?)/TI

=> s ((dual or tandem or multi?) next (ubiquit? or PEST or N-end or destruc? or degrad?)/ti
MISSING OPERATOR MULTI?) NEXT
The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s ((dual or tandem or multi?) (3W) (ubiquit? or PEST or N-end or destruc? or degrad?)/ti
L5 454 ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END OR DESTRUCT? OR DEGRAD?)/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):15
PROCESSING COMPLETED FOR L5
L6 249 DUP REM L5 (205 DUPLICATES REMOVED)

=> focus
PROCESSING COMPLETED FOR L6
L7 249 FOCUS L6 1-

=> d 1-10 ti, so

L7 ANSWER 1 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Human mdm2 mediates multiple mono-ubiquitination of p53 by a mechanism requiring enzyme isomerization
SO J. Biol. Chem. (2001), 276(33), 31357-31367
CODEN: JBCHA3; ISSN: 0021-9258

L7 ANSWER 2 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Velosin-containing protein is a multi-ubiquitin chain-targeting factor required in ubiquitin-proteasome degradation
SO Nat. Cell Biol. (2001), 3(8), 740-744
CODEN: NCBIFN; ISSN: 1465-7392

L7 ANSWER 3 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multiple degradable polymer composition and its preparation process
SO Faming Zhanli Shengqing Gongkai Shuomingshu, 16 pp.
CODEN: CNXXEV

L7 ANSWER 4 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multiple degradable polymer composition and its preparation process
SO Faming Zhanli Shengqing Gongkai Shuomingshu, 14 pp.
CODEN: CNXXEV

L7 ANSWER 5 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Phosphinic Derivatives as New Dual Enkephalin-Degrading

Enzyme Inhibitors: Synthesis, Biological Properties, and Antinociceptive Activities
 SO J. Med. Chem. (2000), 43(7), 1398-1408
 CODEN: JMCMAR; ISSN: 0022-2623

L7 ANSWER 6 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Expression of multiple complex polysaccharide-degrading enzyme systems by marine bacterium strain 2-40
 SO J. Ind. Microbiol. Biotechnol. (1999), 23(2), 123-126
 CODEN: JIMBFL; ISSN: 1367-5435

L7 ANSWER 7 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Multi-ubiquitination of a nascent membrane protein produced in a rabbit reticulocyte lysate
 SO J. Biochem. (Tokyo) (1999), 126(1), 48-53
 CODEN: JOBIAO; ISSN: 0021-924X

L7 ANSWER 8 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Multi-functional controlled degradable starch plastics resin
 SO Faming Zuanli Shengqing Gongkai Shuomingshu, 8 pp.
 CODEN: CNXXEV

L7 ANSWER 9 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Mechanochemical model of multiple crack destruction of polymers under stress
 SO Russ. Polym. News (1999), 4(3), 16-20
 CODEN: RPONFY; ISSN: 1093-2984

L7 ANSWER 10 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Computer simulation of dual-stimuli-responsive degradation in regard to IPN-structured hydrogels
 SO Proc. Int. Symp. Controlled Release Biact. Mater. (1998), 25th, 731-732
 CODEN: PCRMEY; ISSN: 1022-0178

=> s ((dual or tandem or multi?) (3W) (ubiquit? or PEST or N-end or destruc? or degrad?) and reporter)/ti
 L8 0 ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END OR DESTRUCT? OR DEGRAD?) AND REPORTER)/TI

=> d his
 (FILE 'HOME' ENTERED AT 14:41:32 ON 08 SEP 2001)

FILE 'CAPLUS, EMBASE, MEDLINE, BIOSIS' ENTERED AT 14:42:34 ON 08 SEP 2001

L1 39 S ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY?) OR DE
 L2 10 DUP REM L1 (29 DUPLICATES REMOVED)
 L3 1690 S ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY?) OR DE
 L4 1936 S ((DUAL OR TANDEM OR MULTI?) AND (UBIQUIT? OR PEST OR N-END OR
 L5 454 S ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END O
 L6 249 DUP REM L5 (205 DUPLICATES REMOVED)
 L7 249 FOCUS L6 1-
 L8 0 S ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END O

=> d l7 10-20 ti, so

L7 ANSWER 10 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Computer simulation of dual-stimuli-responsive degradation in regard to IPN-structured hydrogels
 SO Proc. Int. Symp. Controlled Release Biact. Mater. (1998), 25th, 731-732
 CODEN: PCRMEY; ISSN: 1022-0178

L7 ANSWER 11 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Determination of multichlorophenol in liquid degraded by white rot fungus
 SO Jiangsu Shiyi Huagong Xueyuan Xuebao (1998), 10(1), 42-44
 CODEN: JSHXFU; ISSN: 1005-8893

L7 ANSWER 12 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Simulation of high-temperature multiple destruction in polymers
 SO Vysokomol. Soedin., Ser. A Ser. B (1997), 39(3), 533-536
 CODEN: VSSBEE; ISSN: 1023-3091

L7 ANSWER 13 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI CTLA4Ig prevents lymphoproliferation and fatal multiorgan tissue destruction in CTLA-4-deficient mice
 SO J. Immunol. (1997), 158(11), 5091-5094
 CODEN: JOIMA3; ISSN: 0022-1767

L7 ANSWER 14 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Methodology for multistage degradation of polyimide

polymer
 SO Polym. Degrad. Stab. (1997), 55(2), 165-172
 CODEN: PDSTDW; ISSN: 0141-3910

L7 ANSWER 15 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Multiple degradation pathways of the rpsO mRNA of Escherichia coli. RNase E interacts with the 5' and 3' extremities of the primary transcript
 SO Biochimie (1996), 78(6), 416-424
 CODEN: BICMBE; ISSN: 0300-9084

L7 ANSWER 16 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI The role of alternative multiubiquitin chains in ubiquitin-dependent processes (Saccharomyces cerevisiae, stress resistance)
 SO (1995) 242 pp. Avail.: Univ. Microfilms Int., Order No. DANN06178 From: Diss. Abstr. Int., B 1996, 57(3), 1558

L7 ANSWER 17 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Engineering a multifunctional ubiquitin conjugating enzyme
 SO Perspect. Protein Eng. Complementary Technol., Collect. Pap., Int. Symp., 3rd (1995), Meeting Date 1994, 143-144. Editor(s): Geisow, Michael J.; Epton, Roger. Publisher: Mayflower Worldwide, Kingswinford, UK.
 CODEN: 6ZQAP

L7 ANSWER 18 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Immunoassay for the quantification of intracellular multi-ubiquitin chains
 SO Eur. J. Biochem. (1995), 233(1), 42-7
 CODEN: EJBCA; ISSN: 0014-2956

L7 ANSWER 19 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Intracellular multiplication and toxic destruction of cultured macrophages by Capnocytophaga canimorsus
 SO Infect. Immun. (1995), 63(9), 3484-90
 CODEN: INFIBR; ISSN: 0019-9567

L7 ANSWER 20 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Multiple ubiquitin C-terminal hydrolases from chick skeletal muscle
 SO J. Biol. Chem. (1995), 270(32), 18766-73
 CODEN: JBCHA3; ISSN: 0021-9258

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruc? or degrad?) and signal)/ti
 ? TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'
 The truncation symbol ? may be used only at the end of a search term. To specify a variable character within a word use ?, e.g., 'wom?n' to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an arrow prompt (>) for more information.

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruc? or degrad?) and signal)/ti
 PROXIMITY OPERATION NOT ALLOWED
 PROXIMITY OPERATION NOT ALLOWED
 PROXIMITY OPERATION NOT ALLOWED
 PROXIMITY OPERATION NOT ALLOWED
 Certain operators may not be nested in combination with other operators. A nested operator is valid only when it occurs at the same level or above the operator outside the nested phrase as determined by the following precedence list:

1. Numeric
2. (W), (NOTW), (A), (NOTA)
3. (S), (NOTS)
4. (P), (NOTP)
5. (L), (NOTL)
6. AND, NOT
7. OR

For example, '(MONOCLONAL(W)ANTIBOD?)(L)ANTIGEN?' is valid since (W) is above (L) on the precedence list. However, '(THIN(W)LAYER)(L)PHOSPHOLIPID#)(A)LACTONE#' is not valid since (L) is below (A) on the precedence list. The only exception is the 'OR' operator. This operator may be used in combination with any other operator. For example, '(ATOMIC OR NUCLEAR)(W)REACTOR' is valid.

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruc? or degrad?) and signal)/ti
 L9 4 ((DUAL OR TANDEM OR MULTI?) (2W) (UBIQUIT? OR PEST OR N-END OR DESTRUCT? OR DEGRAD?) AND SIGNAL)/TI

=> d 1-4 so, ti

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2001 ACS
SO Curr. Biol. (2001), 11(9), 685-690
CODEN: CUBLE2; ISSN: 0960-9822
T1 Mitotic degradation of cyclin A is mediated by multiple and novel destruction signals

L9 ANSWER 2 OF 4 MEDLINE
SO CURRENT BIOLOGY, (2001 May 1) 11 (9) 685-90.
Journal code: B44; 9107782. ISSN: 0960-9822.
T1 Mitotic degradation of cyclin A is mediated by multiple and novel destruction signals.

L9 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2001 BIOSIS
SO Current Biology, (1 May, 2001) Vol. 11, No. 9, pp. 685-690. print.
ISSN: 0960-9822.
T1 Mitotic degradation of cyclin A is mediated by multiple and novel destruction signals.

L9 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2001 BIOSIS
SO Journal of the American Society of Nephrology, (Sept., 1997) Vol. 9, No.
PROGRAM AND ABSTR. ISSUE, pp. 608A.
Meeting Info.: 30th Annual Meeting of the American Society of Nephrology
San Antonio, Texas, USA November 2-5, 1997 American Society of Nephrology
ISSN: 1046-6673.
T1 Multi-ubiquitin may modulate the signal m-RNA production with short-term exposure of cadmium in cultured-proximal tubular cells.

=>

--Logging off of STN--

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		127.28	127.58